







# **NM850iG User's Guide**

# Getting Started


## Reading this document






This document uses the following symbols.


	<b>Note:</b>	This symbol indicates an important point regarding the operation of the phone.
	<b>Important:</b>	This symbol indicates a security-related item.
	<b>Warning:</b>	This symbol indicates cautions regarding circumstances that may be expected to result in injury to one's person while operating the phone.
	<b>Tip:</b>	This symbol indicates additional explanation regarding an operation.
	<b>Glossary:</b>	This symbol indicates an explanation of specialised terminology.
	:	This symbol indicates options that can be used with a function. Options shown vary depending on the circumstances of use. Press <b>Options</b> while using the function to display a list of operations.

## Key conventions

For information about each key's position, see "Component Names and Functions" (p. 37).

The navigation key (  ) symbols are shown below.

	Press the centre of the navigation key to determine an operation.
	Press the navigation key left.
	Press the navigation key right.
	Press the navigation key top.
	Press the navigation key bottom.

Keys other than the navigation keys appear between [ ] as in the example of [  ].

This manual explains the typical operations.

## Content of the product package

- FOMA NM850iG phone (including warranty)
- Battery pack NM01 (including certification)
- AC adapter NM01 (including warranty)
- FOMA NM850iG Instruction Manual
- Supplemental guide from Nokia
- RS-MMC memory card (sample)
- MMC card converter adapter (sample)
- Stereo earpiece microphone HS-3 (sample)
- USB connection cable CA-53 (sample)
- FOMA NM850iG CD-ROM (sample)



### **Be considerate of others when using your phone.**

When using your cellular phone in a public place, be considerate of those around you.

## Network name convention

FOMA is the name of the service provided by NTT DoCoMo based on the W-CDMA system, which is acknowledged as one of the global standards of the third generation mobile communication system (IMT-2000). This document refers to FOMA as "W-CDMA".

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# Safety Notes

- Before using this product, please read the "Safety Notes" and use this product in the correct manner. After reading this document, please store it in a safe place.
- Be sure to strictly adhere to these Safety Notes, as they have been written to help you protect users, other people, and property from injury or damage.





The dangers or damage that can occur if the following precautions are not strictly adhered to or this product is not used in the correct manner are described below.





 <b>Danger</b>	This sign denotes that death or serious injury may directly result from improper use.
 <b>Warning</b>	This sign denotes that death or serious injury may result from improper use.
 <b>Caution</b>	This sign denotes that bodily injury or damage to property may result from improper use.


The following pictorial displays are used to represent what you should do or should not do.





 Don't	This symbol denotes a prohibited action.
 No disassembly	This symbol denotes that disassembling the phone or its components is not allowed.
 No wet hand	This symbol denotes that using the phone or its components with wet hands is not allowed.
 No liquids	This symbol denotes that using the phone or its components in a bathroom or other highly humid area is not allowed.
 Do	This symbol denotes an obligatory action (that must be performed).
 Unplug	This symbol denotes that the equipment should be unplugged.

## About FOMA terminal, battery pack, adapter (including charger), FOMA card (Common)

Danger			
 No disassembly	<p><b>Please do not disassemble or modify the device. Also, please do not solder the device.</b></p> <p>This may cause a fire, injury, electric shock or other accident, or malfunction of the device. It may also cause the battery pack to leak, overheat, explode or catch fire.</p>	 No liquids	<p><b>Please do not allow the mova (FOMA terminal) to get wet.</b></p> <p>If water, pet's urine, or other liquid enters the unit, it may cause overheating, electrical shock, malfunction, injury, or some other problem. Please be careful where you use the terminal and how you use it.</p>
 Do	<p><b>Please use a DoCoMo Group designated battery pack and adapter (including charger) with the mova (FOMA terminal).</b></p> <p>If you use a non-designated product, it may cause the mova (FOMA terminal) or battery pack to leak, overheat, crack, catch fire, or malfunction.</p> <ul style="list-style-type: none"> <li>• AC adapter NM01</li> <li>• Battery pack NM01</li> </ul> <p>*Concerning the compatibility of other products, please inquire with a DoCoMo service center.</p>	 Don't	<p><b>Please do not use or leave the device in a place where it will be exposed to high temperatures, such as near a fire or heater, in strong, direct sunlight, or inside a car on a hot day.</b></p> <p>This may cause the device to change shape or malfunction, or cause the battery pack to leak, overheat, crack or catch fire, and could impair performance and reduce the lifetime of the battery. It may also cause part of the battery pack to become hot, resulting in a burn injury.</p>

Warning			
 Don't	<p>Please do not use at gasoline (petrol) stations or other locations where it may cause a fire or explosion.</p> <p>If it is used at locations where propane gas, gasoline (petrol) or other flammable gases or dust occur, it may cause a fire or explosion.</p>	 Don't	<p>Please do not place the battery pack, mova (FOMA terminal), adapter (including charger) or the FOMA card in a microwave oven or any other cooking device that uses heat, or a high-pressure container.</p> <p>This may cause the battery pack to leak, overheat, crack or catch fire, or it may cause the mova (FOMA terminal) or adapter (including charger) to overheat, emit smoke or catch fire, or it may damage the circuitry.</p>
 Don't	<p>Please do not subject the mova (FOMA terminal) to strong shocks or throw it.</p> <p>This may cause the battery pack to leak, overheat, crack, or catch fire, or it may damage devices or cause a fire.</p>	 Don't	<p>Please do not allow electrically conductive foreign objects (pieces of metal, lead of pencils, etc.) to touch the electrodes of the charger or external connection terminals. Please also do not allow these items to go inside the charger.</p> <p>This may result in a short circuit that causes fire or damage.</p>

Warning	
 Do	<p>If the device begins to emit an odor, overheat, change color or change shape, or if you notice anything else unusual about the device while it is being used, charged or stored, please carry out the following immediately:</p> <ol style="list-style-type: none"> <li>1. Unplug the power plug from the power outlet.</li> <li>2. Turn off the FOMA handset.</li> <li>3. Remove the battery pack from the FOMA handset.</li> </ol> <p>If you continue to use the device, this may cause the device to overheat, crack or catch fire, or it may cause the battery pack to leak.</p>

Caution			
 Do	<p>Keep the device out of the reach of small children.</p> <p>Small children may accidentally swallow the device, or may injure themselves.</p>	 Do	<p>If your child is to use the FOMA terminal, please instruct him/her how to use it properly. Also, make sure that he/she always uses the FOMA terminal as he/she has been instructed.</p> <p>Improper usage could result in injury, etc.</p>
 Don't	<p>Do not place the device on sloped or unstable surfaces.</p> <p>The device may fall off, causing an injury, or a malfunction of the device.</p>	 Don't	<p>Do not store the device in a humid, dusty or hot location.</p> <p>This may cause the device to malfunction.</p>

## Caution











Do

The FOMA terminal, battery pack and/or adapter (including the charger) may heat up during recharging or when the movie record and playback functions, videophone function, i-mode function or i-appli functions are used repeatedly or for long periods of time.


Be especially careful when you use the FOMA terminal continuously for a long period of time while it is connected to the adapter (including the charger).





## Handling the FOMA terminal

Warning			
 Do	<p>Please turn off power to the mova (FOMA terminal) in aircraft, at hospitals, or other areas where its use is prohibited.</p> <p>It may adversely affect electronic instruments or electric devices for medical care. If the automatic power ON function is enabled, please disable this first before turning off the power.</p> <p>When using the mova (FOMA terminal) inside a medical facility, please follow the instructions of that facility.</p> <p>If you use the mova (FOMA terminal) in aircraft where it is prohibited, this act may be punishable by law.</p>	 Do	<p>Please turn off power to the mova (FOMA terminal) when it is near electronic devices handling high-precision controls or delicate signals.</p> <p>It may adversely affect the operation of these electronic devices.</p> <p>*Examples of electronic devices for which caution is advised: Hearing aids, implanted heart pacemakers, implanted defibrillators, other electric devices for medical care; fire alarms, automatic doors, other automatically controlled equipment. People who use implanted pacemakers, implanted defibrillators, or other electronic devices for medical care should consult the manufacturer or sales agent concerning the effect that radio waves might have on their device.</p>

Warning			
 Don't	<p><b>Please do not use the mova (FOMA terminal) while driving.</b></p> <p>According to the revisions made to the Road Traffic Law that came into effect on November 1st, 2004, you will be fined for using a mobile phone while driving. Even if you are using a hands-free kit, please stop your car in a safe place before using your mobile phone. Please use the public mode or Voice Mail Service while driving.</p>	 Don't	<p><b>When wearing an electric device for medical care, please do not place it in a shirt pocket or inside pocket.</b></p> <p>If a mova (FOMA terminal) is used near an electric device for medical care, it may cause damage to the device.</p>
 Do	<p><b>People with weak hearts should take care when using the vibrator function or setting the volume for incoming calls.</b></p> <p>The vibrator or excessive volume may have an adverse effect on the heart.</p>	 Don't	<p><b>Please do not allow water or other liquid, pieces of metal, combustible materials or other foreign objects to enter the FOMA card slot in the FOMA terminal.</b></p> <p>It may cause a fire, electrical shock, or malfunction.</p>
 Do	<p><b>When talking on the mova (FOMA terminal) in the hands-free mode, be sure to hold it away from your ear.</b></p> <p>Holding it against your ear may result in a loss of hearing.</p>	 Do	<p><b>If you are using the FOMA terminal outdoors and you hear thunder or see lightning, immediately store the antenna, turn off the power, and move to a safe location.</b></p> <p>Lightning is a cause of electrical shock.</p>



Warning	
 Don't	<p><b>Do not place the FOMA terminal on the dashboard near an airbag or other location that may be affected by the airbag if it opens.</b></p> <p>If the airbag opens, the terminal may fly into your face or another person's face, causing an injury or accident, or damage to the terminal.</p>

Caution			
 Don't	<p><b>Please do not swing the mova (FOMA terminal) around in the air while holding the strap.</b></p> <p>It may hit you or another person and cause an injury or accident, or damage to the terminal.</p>	 Don't	<p><b>Do not allow magnetic cards to get near the mova (FOMA terminal).</b></p> <p>Data on magnetic media such as ATM cards, credit cards, telephone cards, or floppy disks may be erased.</p>
 Do	<p><b>When used inside a motor vehicle, depending on the motor vehicle model, in rare cases it may adversely affect the vehicle's electronic equipment.</b></p> <p>Since this may compromise safe driving, please do not use the terminal in these cases.</p>	 Don't	<p><b>Please do not allow water or other liquid, pieces of metal, combustible materials or other foreign objects to enter the FOMA card slot in the FOMA terminal.</b></p> <p>It may cause a fire, electrical shock, or malfunction.</p>

## Caution



Do

Itching, rash, eczema, or other condition may occur depending on the customer's health or physical disposition. If an abnormality occurs, please discontinue use immediately and consult a doctor.

Metal is used in the following locations:

Location: Material

Screen rim and camera lens rim: chrome vapor deposition on the base

Mirror finish keys outside of number keys: chrome vapor deposition

Release button at the bottom of the rear cover: aluminum vapor deposition on the base

## Handling the battery pack





Refer the information shown on the battery pack label to check the type of battery pack you have.


Label description	Battery type
Li-ion	Lithium-ion (NM01)







**Li-ion**

Throwing battery packs out with ordinary garbage constitutes an environmental hazard. Apply insulation tape to the terminals of used battery packs and return them to the NTT DoCoMo shop or service counter.







Danger			
 Do	<p>If liquid from inside the battery pack enters your eye, do not rub it and immediately wash it with clean water. Then immediately consult a doctor.</p> <p>This can cause loss of eyesight.</p>	 Don't	<p>Do not throw the battery pack into fire.</p> <p>This may cause it to leak, overheat, crack, or catch fire.</p>
 Don't	<p>Do not allow needles or other metal objects to touch the terminals. Also, do not carry or store the battery pack with metal necklaces or other metal objects.</p> <p>This may cause the battery pack to leak, overheat, crack, or catch fire.</p>	 Don't	<p>Do not puncture the battery pack with nails, hit it with a hammer, or step on it.</p> <p>This may cause the battery pack to leak, overheat, crack, or catch fire.</p>






Danger	
 Don't	<p>If the battery pack does not connect smoothly to the mova (FOMA terminal) or battery pack charger, please do not force it to connect. Check the orientation of the battery pack and try connecting it again.</p> <p>Forcing it to connect may cause it to leak, overheat, crack, or catch fire.</p>




Warning			
 Do	<p>If liquid from inside the battery pack gets onto skin or clothes, immediately stop using the battery pack and rinse the liquid off with clean water.</p> <p>The liquid may cause injury to the skin.</p>	 Do	<p>If the battery pack leaks or emits a suspicious odor, immediately stop using it and move it away from any fire.</p> <p>If liquid from the battery pack catches fire, it may cause the battery pack to catch fire or crack.</p>
 Do	<p>If the battery pack does not fully charge after the specified charge time elapses, stop charging the battery pack.</p> <p>Allowing the battery pack to continue charging in this condition may cause it to leak, overheat, crack, or catch fire.</p>		

Caution	
 Don't	<p>Do not dispose of the battery pack with ordinary rubbish.</p> <p>This may cause a fire or environmental damage. If a battery pack is no longer needed, apply tape across the terminals to insulate them, then take it to a DoCoMo service center or follow the instructions of a local organization that would collect it.</p>


## Handling the adapter (including charger)

Warning			
 Don't	<p>Do not short the charge terminals while the battery pack is connected to a power outlet or cigarette lighter socket. Also, do not allow the charge terminals to touch your fingers, hand, or other parts of your body.</p> <p>This may cause a fire, malfunction, electrical shock, or injury.</p>	 No wet hand	<p>Do not touch the cord of the adapter (including charger) or the power outlet with wet hands.</p> <p>This may cause electrical shock.</p>
 Don't	<p>Absolutely avoid using the AC adapter, desktop holder, or battery pack charger in the bathroom or other locations with high humidity.</p> <p>This may cause electrical shock.</p>	 Unplug	<p>If water or other liquid enters the adapter (including charger), immediately remove the plug from the power outlet or cigarette lighter socket.</p> <p>Leaving the adapter (including charger) plugged in may cause electrical shock, smoke, or fire.</p>
 Unplug	<p>If the adapter (including charger) is not used for a long period of time, please unplug it from the power outlet.</p> <p>Leaving it plugged in may cause electrical shock, fire, or malfunction.</p>	 Don't	<p>If the cable or power cord of the adapter (including charger) becomes damaged, please do not use it.</p> <p>This may cause electrical shock, overheating, or fire.</p>

Warning			
 Do	<p>When plugging the AC adapter into a power outlet, be sure not to touch metal objects such as a metal strap and make sure the plug is securely plugged in.</p> <p>Lack of care may cause electrical shock, short, or fire.</p>	 Don't	<p>During charging, place the charger and desktop holder in a stable location. Do not fold or wrap the charger or desktop holder in cloth or bedding.</p> <p>This may cause the mova (FOMA terminal) to fall out of the charger or holder, build up heat, and cause a fire or malfunction.</p>
 Do	<p>Please wipe any dirt or dust off the plug.</p> <p>Dirt or dust on the plug may cause a fire.</p>	 Don't	<p>If you hear thunder or see lightning, do not touch the FOMA terminal or adapter (including charger).</p> <p>Lightning is a cause of electrical shock, thunderbolt.</p>
 Do	<p>Use the specified power supply and voltage.</p> <p>If the wrong voltage is used, it may cause a fire or malfunction.</p> <p>AC adapter NM01: AC100 V to 240 V (Plug only into a home AC outlet)</p>		



Caution			
 Unplug	<p>Be sure to unplug the adapter when cleaning it.</p> <p>If it is not unplugged, it may cause electrical shock.</p>	 Don't	<p>Do not place any heavy items on the cable or power cord of the adapter (including charger).</p> <p>This may cause electrical shock or fire.</p>
 Do	<p>When unplugging the adapter (including charger), do not pull on the cable or power cord but hold onto the plug.</p> <p>If you pull on the cord, it may damage the cord, or cause electrical shock or fire.</p>		

## Handling the FOMA card



Caution	
 Do	<p>Take care when pulling the FOMA card (IC section) out of the PC.</p> <p>It is possible to injure your hand or fingers.</p>

## Use of mobile phones around electrical devices for medical care

Details noted here are based on the "Guidelines on the use of mobile phones and other devices to prevent adverse effects of radio waves on electrical devices for medical care." (Electromagnetic Compatibility Conference Japan)

Warning			
 Do	<p>Turn off the FOMA terminal in rush-hour trains and other crowded places, in case there is anyone near you who has an implanted pacemaker or implanted defibrillator.</p> <p>Radio waves may affect the operation of implanted pacemakers and/or implanted defibrillators.</p>	 Do	<p>If you are wearing an implanted pacemaker or implanted defibrillator, please carry or use the mobile phone at least 22 cm away (assuming output power of 0.8 W) from the pacemaker or defibrillator, or in the case of a motor vehicle phone or shoulder phone, carry or use them at least 30 cm away (assuming output power of 2.0 W).</p> <p>Radio waves may have an adverse effect on the operation of implanted pacemakers or implanted defibrillators.</p>



Warning			
 Do	<p>Please adhere to the following rules inside medical facilities:</p> <ul style="list-style-type: none"><li>• Do not bring mobile phones into operating rooms, intensive care units (ICU), or coronary care units (CCU).</li><li>• Turn OFF mobile phones in hospital wards.</li><li>• Turn OFF mobile phones even in the lobby if it is located near electrical medical equipment.</li><li>• If the medical facility has designated areas where the use of mobile phones or carrying them inside is prohibited, please follow the instructions of the facility.</li><li>• If the automatic power ON function is enabled, please disable this first before turning off the power.</li></ul>	 Do	<p>If you are using electrical devices for medical care other than an implanted pacemaker or implanted defibrillator at home or other location outside a medical facility, please inquire with the manufacturer of each device concerning any adverse effects of radio waves on the device.</p> <p>Radio waves may have an adverse effect on the operation of electrical equipment for medical care.</p>

## Requests concerning handling

### (Common)

- Please do not allow the mova (FOMA terminal) or accessories to get wet.  
The mova (FOMA terminal), battery pack, and adapter (including charger) are not water-proof. Please do not use them in bathrooms or other locations with high humidity, and do not let them get wet in the rain. Also, if you are carrying them against your body, humidity caused by perspiration can cause corrosion inside the unit resulting in malfunction. If our investigation shows that water entering the unit was the cause of malfunction, the warranty will not cover the repair. In this case, the customer must bear the cost of the repair.
- Please use a soft, dry cloth when cleaning the units.
  - Some mova (FOMA terminal) displays have been treated with a special coating to make the color LCD screen easier to view. When wiping it clean, please do not press down too hard on the dry cloth in order to avoid scratching the surface. Take sufficient care when handling it, and use a soft, dry cloth (such as the type used for glasses) when cleaning it. Also, if you allow water drops or dirt to remain on the screen, it may smear or cause the coating to peel.

- If you use alcohol, thinner, benzine or other cleaning agent, the printing may disappear and the colors may fade. (Please do not use these substances.)
- Use a dry cotton swap to occasionally clean the electrode terminals.  
If the terminals become dirty, contact becomes poor and power may be cut. It is also a cause of an insufficiently charged battery. If the terminals become dirty, please wipe them clean with a dry cloth or cotton pad.
- Do not place the units near the air outlet section of an air-conditioner.  
Rapid temperature changes cause dewing which results in internal corrosion and malfunction.
- Do not place the mova (FOMA terminal) in a location subject to excessive weight or pressure.  
If the unit is included in a container packed with many things or placed in a pocket subject to pressure when you sit down, the LCD screen or internal circuit board may be damaged or malfunction. Repairs for this sort of damage are not covered by the warranty.
- Please thoroughly read the manuals that came with the battery pack and adapter (including charger).

## mova / FOMA terminal

- Do not leave the terminal in direct sunlight with the camera facing the sun.  
This may discolor or burn the photo element.
- Avoid extremely high or low temperatures.  
Please use the terminal in a temperature range of 5 °C – 35 °C and a humidity range of 45% – 75%.
- We ask that you make a separate notes back-ups of any information that you store in the mova (FOMA terminal) and keep it in a safe place.  
DoCoMo cannot accept responsibility for the loss of this information from the unit.
- Since adverse effects may occur if the mova (FOMA terminal) is used near an ordinary phone, television, or radio, please use it at a distance from these locations.
- Do not sit down while the mova (FOMA terminal) is in the rear pocket of your trousers or skirt. Also, do not put it in the bottom of a bag where it might be subject to excessive weight or pressure.  
This may cause it to malfunction.
- Though the FOMA terminal gets warm while it is in use or being charged, this is normal. You can use it as is.

## Battery pack

- Store the battery pack in a cool, well-ventilated location that is not subject to direct sunlight.  
When the battery pack will not be used for a long time, remove it from the FOMA terminal or adapter (including the charger) after making sure it is fully discharged, and store it in the plastic bag it came in, etc.  
Do not store or leave the battery pack with the battery empty. Remove the battery pack from the FOMA terminal and store in a dry, cool and dark place if it will be left for an extended period. Change the battery pack approximately every half year.
- The battery pack is a consumable.  
Though this depends on use and other conditions, if the life of the battery charge becomes extremely short after being sufficiently charged, it is time to replace the battery pack. Please purchase a new battery pack of the designated type.
- Please charge the battery pack in an environment where the temperature is within the appropriate temperature range (5 °C – 35 °C).
- If you use the battery pack for the first time, or after having not used it for a long time, be sure to fully charge it first before use.
- The length of time that a battery pack can be used depends on the use environment and the extent to which it has aged.

## Adapter (including charger)

- Do not subject the adapter to strong shocks. Also, do not deform the charger terminals or terminals guides. This may cause it to malfunction.
- Please charge the battery pack in an environment where the temperature is within the appropriate temperature range (5 °C — 35 °C).
- Do not charge the battery pack in the following types of locations:  
Where the battery pack may be subject to considerable humidity, dust, or vibration  
Near an ordinary phone, television, or radio
- Though the adapter (including charger) gets warm while the battery pack is being charged, this is normal. You can use it as is.
- When using a power outlet with a mechanism to prevent it from disconnected, please follow the instructions that came with the outlet.

## FOMA card

- When removing the FOMA card, do not use more force than necessary.
- Do not damage the IC chip, handle it carelessly or cause it to short circuit. This may cause a loss of data or a malfunction.
- Do not drop the FOMA card or subject it to shocks. This may cause it to malfunction.

- Do not bend the FOMA card, and do not place any heavy items on top of the FOMA card. This may cause it to malfunction.
- When inserting the FOMA card into the FOMA terminal, do not use more force than is necessary.
- Though the FOMA card gets warm while it is being used, this is normal. You can use it as is.
- If the FOMA card is inserted into another IC card reader/writer and it is damaged as a result, this is the customer's responsibility.
- Be sure that the IC section is always clean when using it.
- Use a soft, dry cloth when cleaning the FOMA card.
- We ask that you make a separate notes back-ups of any information that you store in the FOMA card and keep it in a safe place.  
DoCoMo cannot accept responsibility for the loss of this information from the card.
- As a measure to protect the environment, we ask that you bring FOMA cards you no longer need to a DoCoMo service center.
- Please avoid excessively high or low temperatures.

## Memory card

- Do not remove the memory card, switch off or apply impact while saving or deleting data, checking card state or formatting.  
The data may be corrupted.

Refer to "For Your Safety and Nokia Original Enhancements" as well.

## SAR certification information

This model phone FOMA NM850iG meets the MIC's\* technical regulation governing exposure to radio waves.

The technical regulation established permitted levels of radio frequency energy, based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The regulation employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit is 2 watts/kilogram (W/kg)\*\* averaged over ten grams of tissue. The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The value of the limit is equal to the international guidelines recommended by ICNIRP\*\*\*.

All phone models should be confirmed to comply with the regulation, before they are available for sale to the public. The highest SAR value for this model phone is 0.576 W/kg. It was taken by the Telecom Engineering Center (TELEC). The test for SAR was conducted in accordance with the MIC testing procedure using standard operating positions with the phone transmitting at its highest permitted power level in all tested frequency bands. While there may be differences between the SAR levels of various phones and at various positions, they all meet the MIC's technical regulation. Although the SAR is determined at the highest

certified power level, the actual SAR of the phone during operation can be well below the maximum value.

For further information about SAR, please see the following websites:

World Health Organization (WHO) :

<http://www.who.int/peh-emf>

ICNIRP :

<http://www.icnirp.de/>

TELEC :

[http://www.telec.or.jp/ENG/Index\\_e.htm](http://www.telec.or.jp/ENG/Index_e.htm)

Association of Radio Industries and Businesses :

<http://www.arib.or.jp/english/index.html>

MIC :

<http://www.tele.soumu.go.jp/e/index.htm>

NTT Docomo :

<http://www.nttdocomo.co.jp/> (Japanese only)

Nokia Japan :

<http://www.nokia.co.jp> (Japanese only)

\* Ministry of Internal Affairs and Communications

\*\* The technical regulation is provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.

\*\*\* International Commission of Non-Ionizing Radiation Protection

## Certification information (SAR)

THIS DEVICE MEETS GUIDELINES FOR EXPOSURE TO RADIO WAVES.

Your mobile device is a radio transmitter and receiver. It is designed and manufactured not to exceed the limits for exposure to radio frequency (RF) energy recommended by international guidelines (ICNIRP). These limits establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards and guidelines include a substantial safety margin designed to assure the safety of the public, regardless of age and health and to account for any variations in measurements.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the international guidelines is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands.

The actual SAR level of an operating device can be well below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station. The highest SAR value when tested according to international testing procedures for use at the ear is 0.63 W/kg.

SAR values may vary depending on national reporting and testing requirements and the network band. Use of device accessories and enhancements may result in different SAR values. Additional SAR information may be provided under product information at [www.nokia.com](http://www.nokia.com).

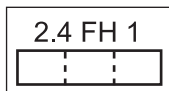
USA and Canada: The SAR limit of USA (FCC) and Canada (IC) is 1.6 W/kg averaged over one gram of tissue. This device model has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the ear is 0.57 W/kg and when properly worn on the body is 0.57 W/kg. Information about this device can be found on the FCC's website at <http://www.fcc.gov/oet/fccid> by searching the equipment authorization system using FCC ID: QVVRM-109.

## Notes on the use of Bluetooth devices

In the frequency band used by this device, industrial, scientific, and medical devices, including microwave ovens, in-plant radio stations for identifying mobile objects that require licenses used for plant manufacturing lines, etc., specific low-power radio stations that do not require licenses, and ham radio station, etc. (herein after abbreviated as "other radio stations") are also operating.

- 1 Please make sure that these "other radio stations" are not operating nearby before using this device.
- 2 In the event that interference occurs between this device and "other radion stations," immediately change the location for using this device, or stop sending radio waves to avoid interference.
- 3 If you have any questions or encounter any problems in using this device in Japan, please contact the number below:

Contact Center:  **0120-800-000**



The frequency band used by this device is 2.4 GHz.

This device employs the FHSS modulation method. The estimated distance from which the device causes interference is 10 m or less.

## Intellectual Property Right

### Copyright and Portrait Right

- It is prohibited to duplicate, modify or publicly transmit content such as text, images, music or software that was photographed using the FOMA terminal or downloaded from Internet website and that is subject to third-party copyright without the permission of the copyright holder, except where the duplication or quoting of the content for personal use is permitted under copyright law.  
It may be prohibited to shoot or record the stage performance, entertainment or exhibition even if you only want to enjoy it.
- Shooting a photo of someone by FOMA terminal without his or her permission, or displaying a photo of someone shot by the FOMA terminal on the website without his or her permission is a breach of portrait right.

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- The other company names and brand names described in this manual are the trademarks or registered trademarks of the respective companies.

### Others

- This product is equipped with NetFront v.3.2 for FOMA Internet Edition for the Internet.  
NetFront v.3.2 is a product of ACCESS CO., LTD.  
Copyright © 1996-2006 ACCESS CO., LTD.
- This software contains a module developed by the Independent JPEG Group.
- This product is licensed complying with MPEG-4 Visual Patent Portfolio License, and you are permitted to use personally and for the nonprofit purpose in the following situations:



- To record a movie based on the standard of MPEG-4 Visual (MPEG-4 Video)
- To play MPEG-4 Video recorded by the consumer engaged in the nonprofit activities
- To play MPEG-4 Video provided by the provider licensed by MPEG-LA

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  - Data which is paid for on a title by title basis and is transmitted to an end user for permanent storage and /or use.

Such additional license may be obtained from MPEG LA, LLC. Contact MPEG LA, LLC for additional details.

## Description of Windows

- Windows ® 2000 Professional stands for Microsoft ® Windows ® 2000 Professional operating system.
- Windows ® XP stands for Microsoft ® Windows ® XP Professional operating system or Microsoft ® Windows ® XP Home Edition operating system.
- This user's guide describes Windows 2000 for Windows ® 2000 Professional.

- This user's guide describes Windows XP for Windows ® XP Professional and Windows ® XP Home Edition.

## About emergency calls

Emergency call	Telephone number
For police	110 (no prefix)
For fire or ambulance	119 (no prefix)
For marine incidents or accidents	118 (no prefix)

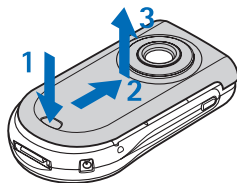
- Tell the operator that you are calling from a mobile phone and where you are calling from because a call from a FOMA terminal cannot be located. State your phone number in case the police or fire department needs to check with you. Also, do not move while calling because it may cause bad connection. Do not power off the phone after the call. Keep it in a state that you can receive a call at least for about 10 minutes.
- In some area, the call may not be connected to the police station or the fire department that has jurisdiction over the area. When the call does go through, make a call from a pay phone or a general subscriber phone around.

# Before Using Your Phone

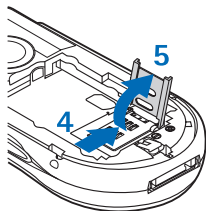
## Inserting the UIM and battery

- 1 Turn the phone over, press the release button (1), and slide the rear cover in the direction of the arrow (2).

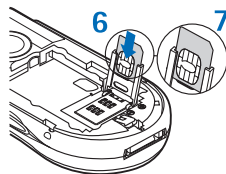
- 2 Lift up the rear cover (3).



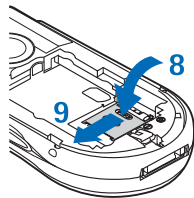
- 3 To release the UIM holder, slide the holder in the direction of the arrow (4) and then open it (5).



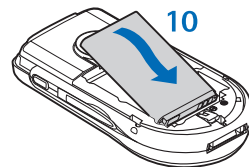
- 4 Insert the UIM in the holder (6). With the missing corner of the UIM (7) facing the top of the holder, ensure that the connectors of the UIM are aligned with the connectors on the phone.



- 5 Close the card holder (8) and snap it firmly into place (9).



- 6 Insert the battery, aligning the metal end of the battery with the metal end of the phone (10).



- 7 Replace the rear cover.  
8 Remove the plastic cover that protects the display.

## Inserting a memory card

A RS-MMC memory card is used when saving the phone's memory. The package contains the following items.

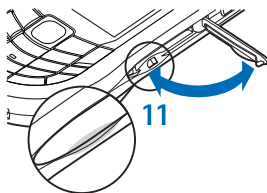


- Memory card (reduced-size MultiMediaCard, RS-MMC)

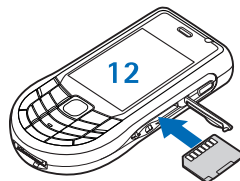


- MultiMediaCard (MMC) adapter  
This adapter is not required when using a memory card in the phone. This is used when a memory card is used in a separate device with a full-size MMC slot.

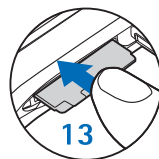
- 1 To insert the memory card, open the memory card slot cover (11). Place your finger in the depression under the cover and pull the bottom of the cover.



- 2 Insert the memory card in the slot (12). With the missing corner facing the bottom of the phone, ensure that the card's connectors are facing upward.



- 3 Push in the card (13). You can hear it snap when it settles into the proper position.
- 4 Close the cover. You cannot use the memory card if the cover is open.



## Ejecting the memory card

- 1 Open the memory card slot cover.
- 2 Press the memory card and remove it from the slot (14).
- 3 Eject the memory card. If the phone is powered on, press **OK**.

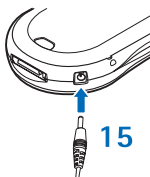


Do not open the memory card slot cover while it is in use. You may damage the memory card, the phone, or data being saved on the card. Exit all the active applications.

## Charging the battery

- 1 Plug the battery charger plug into an electrical outlet.
- 2 Connect the power cord to the phone (15).

The battery level indicator will start blinking. You can use the phone even while charging. If the battery is completely discharged, begin charging and wait a few minutes until the charging battery display comes on.



- 3 When the battery has finished recharging, the battery level indicator will stop blinking. First, unplug the charger from the phone, and then unplug the charger plug from the electrical outlet.

When the battery is low, the message "battery low" is displayed. Charge it immediately.









	Continuous talk time	Continuous standby time
W-CDMA	Voice calls: 170 min. Video calls: 100 min.	When staying in one place: 290 hrs. When moving around: 160 hrs.
GSM	360 min. at maximum	260 hrs. at maximum

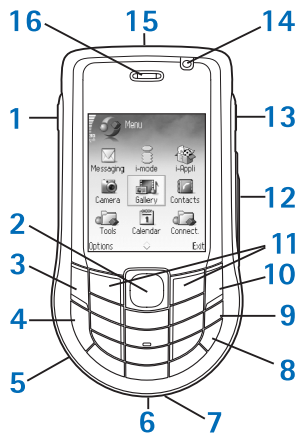
The continuous talk time and standby time may vary depending on the network and usage settings, usage style, and environment.





**Battery level indicator** - displayed in the upper right portion of the screen. The more bars that appear, the more battery life you have. This indicator is displayed only in standby mode.

## Component Names and Functions


- 1 You can switch the hands free mode ON and OFF by pressing the [  ] **voice key** while talking. Press and hold [  ] in standby mode to activate voice commands.
- 2  A **navigation key** for moving around. Press the centre [  ] to select, confirm, or open.
- 3 [  ] **Call key**
- 4 The [  ] **menu key** opens the main menu (shown on the screen in the figure).
- 5 AC Adapter's external connector
- 6 Pop-port™ connector (for connecting USB connection cables and stereo earpiece microphone)
- 7 Microphone (mouthpiece)
- 8 Press the [  ] **edit key** to display a list of commands used when editing text, such as **Copy**, **Cut**, and **Paste**.
- 9 The [  ] **clear key** deletes text and items.



10 [  ] **End key**

11 Press the **left soft key** [  ] or the **right soft key** [  ] to select the commands displayed in the lower left or right portion of the screen. See **Options** and **Exit** shown in the lower left and right portions of the screen shown in the figure.

12 Memory card slot

13 [  ] **Power key**

14 Light sensor

15 Loudspeaker

16 Earpiece speaker

Weight	Approx. 129 g
Size (W x H x D)	Approx. 60 x Approx. 110 x Approx. 21 mm

DoCoMo does not sell manufacturer option items such as the stereo earpiece microphone: HS-3 (sample); USB connection cable: CA-53 (sample), etc. You can purchase these items from the sales department of Nokia Japan. For information regarding use, cautions, and warranties, refer to the conditions provided by Nokia Japan at the time of purchase. For the information about where you can inquire of the optional parts from the manufacturer, see "Supplemental guide from Nokia".

## Powering on the phone

Press and hold the power key [].

For information regarding the PIN code or Lock code, see "Phone and UIM" (p. 138).



When you insert your UIM and turn it on, the message **Use phone in self mode (offline)?** may be displayed. If you use it as a phone, press **No** to use.

If you use this phone without installing a UIM, turn it off, insert a UIM, and turn it on again, a message will then appear, asking whether you want to use self mode (offline). If you have the phone set to self mode (offline), turn it off, and turn it on again, the message will be displayed in this case as well. For more information regarding the self mode (offline), see "Self mode (offline)" (p. 47).



**Signal strength indicator** — displayed in the upper left portion of the screen. The more bars you have, the more signal strength you have.

The phone has an internal antenna.





**Note:** As with other wireless devices, do not touch the antenna when the power is on. If you touch the antenna, it may affect the quality of the call or may cause the phone to operate at unnecessarily





high levels of electrical energy. The antenna's capability and battery life will be optimised if you do not touch the area around the antenna while operating the phone.


## Initial settings


- 1 You may be asked to set the following information when you turn on the phone for the first time. **Cities, Time** and **Date:** Use  (navigation key) and number keys. You can search for the city name by entering the characters of the city name. When you select a city, the time zone setting for the phone is specified also. See "Clock settings" (p. 43).
- 2 Press [] (menu key) to view the main menu.


## Main icons


 —The phone is being used in a GSM network.



 —(Network Service) — The phone is being used in a W-CDMA network. See "Network" (p. 140).


 —A new message has been left in your voice mailbox. See "Voice mailbox (network service)" (p. 142).


 —You have a new message in your Inbox folder. For more information about the messaging status icons, see "Receiving and displaying messages" (p. 83).

 —When new i-mode mail is delivered to the i-mode Centre, this icon will appear at the upper right of the screen.


 —There are messages waiting to be sent in the Outbox. See "Outbox—messages waiting to be sent" (p. 89).


 •  —You have missed calls. See "Recent calls" (p. 56).


 —Displayed when the **Ringing type** is set to **Silent**, the **Message alert tone** is set to **Off**, or the silent profile is set. See "Profiles—setting tones" (p. 45).


 —The phone keypad is locked. See "Keypad lock (Keyguard)" (p. 40).


 —The alarm is set. See "Clock/Alarm" (p. 43).


 —The stereo earpiece microphone: HS-3 (sample) or a headset made by Nokia (commercial item) is connected.


 —The connection to a compatible Bluetooth headset has been lost.


 —A data call is active (GSM Network line exchange).


 —W-CDMA Network. Packet data can be used on the network. When the icon is blinking, it is establishing the packet data connection. These icons are shown instead of the signal strength indicator (shown in the top left corner in standby mode).


 —W-CDMA Network. A packet data connection is active, and data is being transferred.


 —W-CDMA Network. Multiple packet data connections are active.

 —W-CDMA Network. A package data connection is pending.


 —GSM Network. Packet data can be used on the network.


 —GSM Network. Packet data connection is active, and data is being transferred.

 —GSM Network. Multiple packet data connections are active.

 —GSM Network. Package data connection is pending (occurs when you are in the midst of a call).




 —Bluetooth is ON.



[] —The phone's Bluetooth interface is connected with another device and transferring data. See "Bluetooth connection" (p. 122).


 —The phone is being used with a USB connection cable: CA-53(sample) or USB connection cable made by Nokia(commercial item) connected.


## Keypad lock (Keyguard)

Use the keypad lock to prevent operation of the phone even when you press the keys.


To lock the phone: Press [] in standby mode, and immediately press []. When the keypad is locked, [] is displayed on the screen.

To unlock the phone: Press [], and immediately press [].


Even if the keypad lock is ON, you can transmit to the official emergency number programmed into the phone. Key in the emergency number, and press [].




To light the screen's backlight when the keypad lock is ON, press [].


When the keyguard is set, 110, 118, and 119 cannot be called. In this case, release the keyguard, follow the

instructions in the "Emergency calls" section of "For Your Safety and Nokia Original Enhancements" (p. 9) provided separately, and dial these numbers. Alternative way to activate the keypad lock is to press [] (Power key) and select [Lock keypad](#).

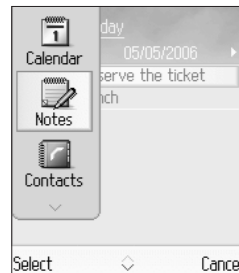
## Multitasking functions

To switch between open applications, press and hold [].

To exit an application, press  or  to select the application, and press [].









Pressing the end key [] does not exit an application that is running.

When memory is low, some applications may be closed by the phone. In most, but not all cases, unsaved data is saved before the application is closed.



















## Standby mode shortcuts functions

- Press  to open [Camera](#).
- Press  to open [Contacts](#).
- Press  to open [Calendar](#).
- Press  to enter a new SMS.
- When changing modes, briefly press [] and select the mode.
- Press [] to display the most recently dialed numbers.
- Press and hold [] to use voice commands.
- Press and hold [] to display the i-mode menu.

## Ease of use—adding marks

- To mark an item in the list, select the item and press [] and  simultaneously.
- To mark multiple items in a list, press and hold [] and simultaneously press  or . Checkmarks are placed next to the selected items. When you have completed your selections, stop pressing the navigation key, and release []. After you have made all your selections, you can move or delete them.
- Depending on the circumstances, an abbreviated list of options is displayed when you press . In this view, the main commands that you can use are displayed.

## Copying and pasting text

To select a character or word, press and hold [], and simultaneously press , , , or . As the selection moves, the text is highlighted. To copy the text to the clipboard, while still holding [], press [Copy](#). To insert the text into a document, press and hold [] and press [Paste](#).

The clipboard stores only single item. Copied or cut text remains in the clipboard until the phone is turned OFF.











## Help

Your phone has a help feature. To access application help, select [Options](#) > [Help](#).

There is no help for i-mode mail, the browser, or i-mode applications.

# Tones and screen settings

You can personalise the following settings for the screen and tones.

- To change the standby mode background image or what is shown in the screen saver, see "Themes—setting how your phone looks" (p. 48).
- To customise the ringing tones, see "Profiles—setting tones" (p. 45).
- To change the shortcuts for the navigation key (up, down, left, right, centre) or the soft keys in standby mode, press [  ], select **Tools** > **Settings** > **Phone** > **Standby mode** and select the key to be changed. See "Standby mode" (p. 132).
- For information on how to display the clock in the standby mode or changing the alarm tone, see "Clock settings" (p. 43).
- To change the calendar alarm tone, press [  ] and select **Calendar** > **Options** > **Settings**.
- To change the Welcome note to a still image or text, press [  ] and select **Tools** > **Settings** > **Phone** > **General** > **Welcome note or logo**.
- To customise the ringing tone for individual entries in the contact, press [  ] and select **Contacts**. See "Adding ringing tones for contacts" (p. 62).
- To add a telephone number from Contacts to speed dial, in standby mode and with the number added to Contacts, press the number key ([  1  ] is reserved for voice mail), and press [  ]. Select a contact. To turn **On** the speed dial function in standby mode, press [  ] and select **Tools** > **Settings** > **Call** > **Speed dialling**. To call, press and hold the appropriate number key.
- To rearrange the main menu, select **Options** > **Move, Move to folder**, or **New folder**. You can move less frequently used applications into folders, and place applications that you use more often into the main menu.



*Fig. 1: Standby mode  
Upper left - Signal strength indicator and W-CDMA Network indicator  
Upper right - Battery level indicator and Bluetooth ON*



## Clock/Alarm

Press [] and select **Clock**.

- To set a new alarm, select **Options** > **Set alarm**. Enter the alarm time and press **OK**. When the alarm is set, the (alarm icon) is displayed in standby mode.
- To turn off the alarm, press **Stop**. When the alarm tone sounds, press **Snooze** to stop the alarm for five minutes, after which it will resume. You can do this a maximum of five times.

If the alarm time is reached while the phone is switched off, the phone switches itself on and starts sounding the alarm tone. If you press **Stop**, the phone asks whether you want to activate the phone for calls. To turn off the power, press **No**. To make and receive calls, press **Yes**. Do not press **Yes** when wireless phone use may cause interference or danger.

- To cancel an alarm, select **Clock** > **Options** > **Remove alarm**.

### Clock settings

To change the clock settings, select **Options** > **Settings** in Clock.


- To change the clock shown in standby mode, select **Clock type** > **Analogue** or **Digital**.
- To allow the mobile phone network to update the time, date, and time zone information to your phone (network services), select **Auto time update**. For the **Auto time update** setting to take effect, you need to restart the phone.
- To change the alarm tone, select **Clock alarm tone**.
- To change the daylight saving time status, select **Daylight-saving**. Select **On** to add one hour to the **My home city** time. See **My home city** described later in this document. When Daylight-saving is active, the icon is shown in the Clock main view. When Daylight-saving is set, the change is reflected in the local time including in Japan.

Options in Clock:  
**Set alarm**, **Reset alarm**,  
**Remove alarm**, **Settings**,  
**Help**, and **Exit**.



Fig. 2: City list in World Clock view


## World clock

Open **Clock** and press  to open the World clock view. In the World clock view, you can view the time in different cities.

- To add a city to the list, select **Options > Add city**.  
To search, display the city list and press a number key. The search field is displayed automatically. Also, you can select **Options > Find** to show the search field. Enter the characters of the city name. The search field appears automatically, and the matching cities are displayed. Select a city. You can add a maximum of 15 cities to the list.
- To set your current city, scroll to a city, and select **Options > My home city**. The city is displayed in the Clock main view, and the time in your phone is changed to that of the city selected. Check that the time is correct and matches your time zone.




## Profiles—setting tones

To set or customise the ringing tone, the message alert tone, the keypad tone, the warning tone, the tone for caller groups, and vibrator, press [Profiles. You can see the currently selected profile at the top of the display in standby mode. If the **General** profile is in use, only the current date is shown.

The message alert tone settings are reflected in i-mode mail, message R/F, and SMS.

There are the following types of profiles. You can customise the profiles with the exception of Driving.

- **General**—By default, the telephone and message alert tones, keypad tones, and warning tones are ON. The vibrator is OFF. When you purchase your phone, it is set to this profile.
- **Silent**—By default, the ringing tones are set to OFF, and the vibrator is set to ON. See "Silent" (p. 46).
- **Meeting**—By default, the ringing tones are set to the lowest volume and the beep to only once.
- **Outdoor**—By default, the ringing tones are set to the highest volume.
- **Pager**—By default, the ringing tones are OFF, and the vibrator is ON.
- **Self mode (offline)**—There is no setting for ringing tones of the phone. See "Self mode (offline)" (p. 47).
- **Driving**—All tones are OFF. See "Driving" (p. 47).

 **Tip:** A different tone from the one you set may sound for an incoming call depending on the memory usage.

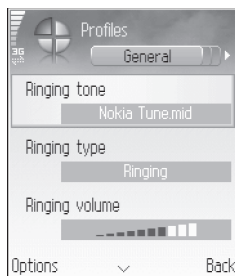


Fig. 3: Customise Profile screen

## Switching profiles

To switch profiles, briefly press [ ] in standby mode. Select the profile you want to activate and press **OK**.

## Changing or creating a profile

- To change a profile, press [ ] and select **Profiles**. Select the profile and then select **Options** > **Personalise**. Select the setting you want to change, and press to open the choices.

Tones stored on the memory card are indicated with . You can scroll through the tone list and listen to each one before you make your selection. Press any key to stop the sound.

You can change a profile's name, but the names of **General**, **Self mode (offline)**, and **Driving** cannot be changed.

- To create a new profile, select **Options** > **Create new**.

## Silent


To activate or deactivate the silent profile quickly, press and hold [ マナー#文字 ] in standby mode.

In silent profile, the following sounds are not turned off:

- Playback sound in Real Player™
- Clock alarm tone
- Sound from loudspeaker during a call
- Sounds produced by Browser plugins
- Camera shutter sound
- Video camera start & end sound


## Driving

If a voice call comes in when you are driving, the caller receives a message that you cannot answer the phone because you are driving or in a place where you should refrain from using a mobile phone, and the call is ended. Data communications are received, but the phone does not ring or vibrate. The phone's screen indicates that a call was missed, and the number is recorded in Received calls.

To select Driving, press [

For information about using network services in the Driving profile, see "Network Services Operation Guide".

## Self mode (offline)


When you activate **Self mode (offline)**, you can no longer use any of the functions that require transmission. You can use functions that do not require transmission without connecting to the network. When you activate self mode (offline), the phone disconnects from the network, the signal indicator changes to , and you cannot use any functions on the phone that require transmission. When you try to send SMS, it will be stored in Outbox, and it will be automatically sent after you cancel self mode.



**Warning:** In self mode (offline), you cannot use functions that require a connection to the network, such as calling 110, 118, or 119. To make calls, change the profile to activate the phone function. If the device has been locked, you must enter the unlock code before you can change the profile and make calls.



**Warning:** To use self mode (offline), the phone must be powered on. Do not switch the phone on when the use of wireless devices is prohibited or when it may cause interference or danger.


 **Tip:** For information on how to change the alarm tones for Calendar or Clock, see "Tones and screen settings" (p. 42).

Options in the Themes main view:  
[Preview](#), [Apply](#), [Edit](#), [Help](#),  
 and [Exit](#).

To change profiles from self mode (offline), select [Options](#) > [Activate](#). Press [Yes](#). The phone resumes wireless transmissions (provided there is sufficient signal strength). If Bluetooth is ON before entering self mode (offline), Bluetooth is turned off when self mode (offline) becomes active. Bluetooth is turned on again automatically when self mode (offline) becomes inactive. See "Bluetooth connection" (p. 122).



## Themes—setting how your phone looks

To change the phone's screen display (wallpaper, icons, etc.), press [  ] and select [Tools](#) > [Themes](#). You can customise the themes by selecting images from the gallery.

- To activate a theme, select the theme, and then select [Options](#) > [Apply](#).
- To preview a theme, select the theme, and then select [Options](#) > [Preview](#).
- To edit a theme, select the theme, and then select [Options](#) > [Edit](#), and change the following options. Depending on the theme, some options cannot be edited.
  - [Wallpaper](#)—Image to be shown as a background image in standby mode.
  - [Colour palette](#)—Colours used on the screen.
  - [Screen saver](#)—Screen saver type: date and time, or text you enter yourself. See also Screen saver timeout settings (p. 133).
  - [Image in 'Go to'](#)—Shortcut application's background image.
- To restore the selected theme to its original settings, select [Options](#) > [Restore orig. theme](#).






# Making and receiving calls



## Making calls

- 1 While in the standby mode, enter the phone number, including the area code. Pressing [C] allows you to delete a digit you entered one by one.
- 2 Press [L] to call the number.
- 3 Press [J] to end the call (or to cancel the call attempt).


Pressing [J] always ends a call, even if another application is active.

 **Tip:** To increase or decrease the volume during a call, press  or .

## Making a call from Contacts

Press [] and select **Contacts**. To display the UIM Contacts, press [] and select **Contacts** > **Options** > **UIM contacts** > **UIM directory**. Select the desired name or enter the first characters of the name to the Search field. Matching contacts are listed. Press [L] to call.

## Calling the voice mailbox (network services)

To call your voice mailbox, press and hold [@1~~xx~~] in the standby mode. See also "Voice mailbox (network service)" (p. 142).

## Calling a recently dialled number

To access a list of the last 20 numbers you dialled, press [L] in the standby mode. Select the number you want and press [L] to call the number.

## Making international calls

For detailed information on making international calls, see "International Roaming Service Manual".

### Making an international call from within Japan

Key in the international prefix from your cellular provider, the country code, area code (if necessary, leave off the "0" in the prefix) and the phone number of the person you are calling.

If a phone number that starts with "+" for an international call is registered in your Contacts, use [Replace intl. prefix](#) in "Call settings" (p. 134) to call overseas.

- 1 Add "+" to an overseas telephone number (press [ 記号\*+110 ] twice) and save it in Contacts as shown below.  
+ country code, area code (if necessary, leave off the "0" at the beginning), telephone number
- 2 Refer to [Replace intl. prefix](#) in "Call settings" (p. 134), select to use an international prefix ([Yes](#)), and save the international prefix for your provider.  
The "+" saved in Contacts is replaced automatically with the international prefix, and the number is called.

### Making an international call abroad

To make an international call from overseas, key in "+" (it is automatically replaced by the international prefix) first by pressing [ 記号\*+110 ] twice. Next, key in the country code, area code (if necessary, leave off the "0" at the beginning), and telephone number, and the call is placed.

When making an international call using a contact that begins with "+", you must select [No](#) for [Replace intl. prefix](#).

## Making a video call

When you make a video call, you can see a real-time, two-way video between you and the recipient of the call. See Figure 4. The video image captured by the camera in your phone is shown to the video call recipient.

When a video call is established, the loudspeaker is ON by default.

To make a video call, you must be in a UIM network calling area. Video calls are compliant with 3G-324M that has been standardised by the international standard 3GPP. You cannot complete a video call to a phone using another standard. Video calls cannot be made while there is another voice, video, or data call active. This phone supports only 64 K video calls.

- 1 To start a video call, enter the phone number in the standby mode, or go to Contacts, and select a contact. Next, select **Options > Call > Video call**.
- 2 Starting a video call may take a while. A note **Waiting for image** is shown. You are charged even before the image of the person you are calling appears (waiting for image view).

If the call is not successful, for example, video calls are not supported by the network, or the receiving device is not compatible, you are asked if you want to try a normal call or send a message instead.

- 3 If the video call becomes active, you can display images of the other party and yourself on the screen or play the sound from the loudspeaker. The person you are calling may refuse a video call. In this case, an image or grey background is displayed. You will hear the sound.

To switch between the image view and sound only, select **Options > Enable/Disable** while in a video call, and then select **Sending video**, **Sending audio**, or **Sending audio & video**.

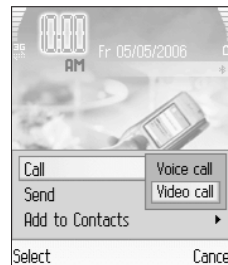






Fig. 4: Making a video call

### Video call icons:

 —you have refused video sending from your phone.

To zoom on your own image, select **Zoom in** or **Zoom out**. Or you can press  or . The Zoom indicator is shown on the top of the display.






- 4 To end the video call, press [].




**Note:** Even if you have refused video sending during a video call, the call is still charged as a video call.



Video calls cannot be made to emergency numbers.

## Speed dialling a phone number

- To add a telephone number to a speed dial key ([ 2 abc]—[ wxyz 9 5 ]), press [] and select **Tools** > **Speed dial**. [ 1 00 ] is reserved for voice mail.
- Press the speed dial key and [] in the standby mode to make a call.

To use speed dial by pressing and holding a number key, press [], select **Tools** > **Settings** > **Call** and set **Speed dialling** > **On**. When you press and hold a number key to which no speed dial is assigned, you are asked if you want to assign a speed dial. When you select **Yes**, the list of contacts appears. Select a name and select a number to assign the number to the speed dial, but notice that this operation also makes a call to the number.

## Volume control and loudspeaker

To increase or decrease the volume level, when you have an active call or are listening to a sound, press  or , respectively.

The built-in loudspeaker allows you to speak and listen to the phone from a short distance without having to hold the phone to your ear (for example, having it on a table nearby). Applications that use sound use the loudspeaker by default.

- For information about the loudspeaker location, see "Component Names and Functions" (p. 37).
- To use the loudspeaker during a call, start a call, and press [**E**] briefly.
- To turn the loudspeaker OFF, press [**E**] briefly during a call.

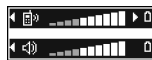
When a video call is established, the loudspeaker is ON by default.



**Important:** Do not place the phone near your ear when using the loudspeaker. The volume might be extremely high.

## Receiving calls, rejecting calls


- To receive a call, press [**L**].
- To mute the ringing tone when a call comes in, press **Silence**.
- If you do not want to answer a call, press [**J**] to reject it. The caller hears a busy signal. If you have call forwarding service and it is activated, rejected calls are forwarded to the forwarding number. See "Call forwarding service (Network service)" (p. 136).
- If you have voice mail service and it is activated, the rejected calls are connected to the voice mail box. See "Voice mailbox (network service)" (p. 142).
- While receiving a call, press **Options** and select **Answer** or **Reject**. Pressing **Options** stops the ring tone.
- When you reject an incoming call, you can also send a text message to the caller informing the caller why you could not answer the call. Select **Options** > **Send text message**. You can edit the text before sending it. See also **Reject call with SMS** (p. 133).





*Fig. 5: It is indicated on the top of the screen that the speaker is in use. Press **Handset** (loudspeaker off) or **Loudsp.** of the right soft key to switch.*




**Tip:** When you receive a forwarded call, the caller ID will be displayed.


 **Tip:** When a stereo earpiece microphone: HS-3 (sample) or a Nokia headset (commercial item) for this phone is connected to the phone, you can receive or end calls by pressing the headset key.


 **Tip:** To change the phone tones for different environments and events, for example, when you want your phone to be silent, see "Profiles—setting tones" (p. 45).

 **Tip:** If you select **Mute**, your voice cannot be heard by the caller.

 **Tip:** You cannot use the **Conference** or the **Transfer** option.

## Receiving video calls, rejecting calls


When a video call arrives, you can see the icon .



- 1 Press [Allow video image to be sent to caller?

If you select **Yes**, the image being captured by the camera in your phone is shown to the caller. If you select **No**, video sending is not activated, and a still image or no image is shown. You will hear the sound. See **Image in video call** (p. 133) in "Tools". If you select **No** and you receive a call, press **Use video** during the call to send video to the caller.

- 2 To end the video call, press [

## Call waiting (network services)

Press [Tools > Settings > Call > Call waiting to hear a tone alerting you when you are on a call and another call comes in. See also "Options during a call" Options during a call later in this document. For detailed information about using call waiting and about fees, see "Network Services Operations Guide".


- To answer another call while on a call, press [- To switch between the two calls, press **Swap**. To end the active call, press [Options > End all calls.


## Options during a call

Many of the options that you can use during a call are network services. The options that are shown vary. To use the **Mute** or **Unmute**, **Swap**, **Hold** or **Unhold**, **Activate handset**, **Activate loudsp.** or **Activate handsfree** (when a Bluetooth-compatible headset is connected), **End active call** or **End all calls**, **New call** options, press **Options** while in a call. You can also select the following options.

If you select **Hold**, the caller does not receive the deferred screen view or a voice message.

- **Replace**—Shown when call waiting is in use. Use it to end the active call and answer the incoming call instead.
- **Send DTMF**—Sends DTMF tone strings (for example, a password). Enter the DTMF string or search for it in Contacts. To enter a wait character (**w**) or a pause character (**p**), press [ 記号\*+wo ] repeatedly. Press **OK** to send the tone.

 **Tip:** You can add a DTMF number to the **Phone number** and the **DTMF** fields.

 **Tip:** When you see a note in the standby mode about missed calls, press **Show** to access the missed call list. To call back, select the name or number and press [**↵**].



**Log**

## Recent calls

To view the telephone numbers of missed calls, received calls, and dialled calls, press [**☎**] and select **Log** > **Recent calls**. The phone registers missed and received calls only if the network supports these functions, the phone is switched on, and is within the network services area.

**Erasing recent call lists**—To clear the all lists of recent calls, select **Options** > **Clear recent calls** in the Recent calls main view. To remove one of recent call lists, open the recent call list you want to erase, and select **Options** > **Clear list**. To clear one item at a time, open the type of list you want to remove, select an item you want to remove, and press [**C**].

## Call duration

To monitor the approximate duration of your incoming and outgoing calls, press [**☎**] and select **Log** > **Call duration**.



**Note:** The value of the call duration is approximate. It may vary from the actual call duration.

**Resetting call duration record**—Select **Options** > **Clear timers**. To perform this operation, you need the lock code (handset PIN number). See "Phone and UIM" (p. 138) in "Security".



## Packet data

To check the amount of data sent and received during packet data connections, press [**☎**] and select **Log** > **Packet data**. A fee is charged by data volume for packet transmissions sent and received.

**Resetting cumulative data**—Select **Options** > **Clear counters**. To perform this operation, you need the lock code (handset PIN number). See "Phone and UIM" (p. 138) in "Security".



## Monitoring all communication events

To view the calls, video calls, SMS, and data connections recorded on the phone, press [  ], select **Log**, and press  to open a list of all communications. See Figure 6. For each communication event, you can see the sender or recipient name, phone number, name of the service provider, or access point. You can filter the general log to view just one type of event and create a new contact based on the log information.

Receiving and sending i-mode mail and connections to a web site or Internet page is shown as a packet data connection.



Note: When sending i-mode mail or SMS, the Sent message may appear. This message indicates that the message has been sent by your phone to the message centre that is programmed in your phone. This message does not indicate that the message has been received by the intended recipient.

- To filter the general log, select **Options > Filter**. Select a filter and press **Select**.
- To clear all of the log, recent call list, or the SMS log, select **Options > Clear log**. Press **Yes** to clear the log.
- To set **Log duration**, select **Options > Settings > Log duration**. The log is saved in the phone's memory for the specified number of days. When that period has passed, the memory is automatically cleared. If you select **No log**, the contents of the log, recent call lists, and the SMS log are all deleted.
- To set **Show call duration**, select **Options > Settings > Show call duration**. The call duration is shown during a call.

Icons:




-  —Received call
-  —Dialed call
-  —Missed call



Fig. 6: General log

**Packet data counter and retrieval time log:** To show the volume of data sent (in units of KB) and the retrieval time for specific packet data, select a dialled or received call with a **Pack.** shown and then select **Options** > **View details**.



# Contacts (phonebook)

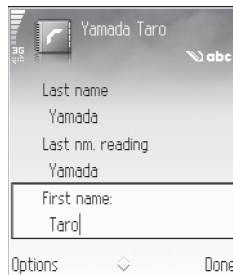
Press [ ] and select **Contacts**. In Contacts, you can add a personal ringing tone, voice tag, or an image to a contact. You can also create contact groups, which allow you to send i-mode mail or SMS to several recipients at the same time. You can add contact information received via Bluetooth to your Contacts as well. You can exchange the contact information only with devices that are compatible with this phone.

## Adding Contacts

- 1 Press [ ] and select **Contacts** > **Options** > **New contact**.
- 2 Fill in the each of the fields, and press **Done**.  
The reading is used for searching in the Contacts.

## Editing Contacts

- 1 Press [ ] and select **Contacts**. Select a contact to be edited, and select **Options** > **Edit**.




- 2 Select the item you want to change, edit it, and press **Done**.  
This phone does not support pictographs. However, if you copy a Contacts directory with pictographs from another device or UIM, the pictographs may be displayed.




## Adding images

To add thumbnail images to Contacts, open Contacts and select **Options** > **Edit**. Next, select **Options** > **Add thumbnail** and then select the image. The thumbnail image is shown when the contact calls.

Options in Contacts (Phonebook):  
**Open, Call, Create message, New contact, Edit, Delete, Duplicate, Add to group** (shown if you have created a group), **Belongs to groups** (shown if you have created a group), **Mark/Unmark, Copy, UIM contacts, Send, Contacts info, Settings, Help, and Exit**.

Options when editing a contact: **Add thumbnail, Remove thumbnail, Add detail, Delete detail, Edit label, Help, and Exit**.

 **Tip:** Speed dialling is a quick way to call frequently used numbers. You can assign speed dial keys to eight phone numbers. See "Speed dialling a phone number" (p. 52).

 **Tip:** In the Contacts name list,  appears before a name when the mobile number is set as default, and  when the home phone number is set as default.

## Selecting ringing tones

See "Adding ringing tones for contacts" (p. 62).

## Adding information

To add telephone numbers and addresses to Contacts, open Contacts and select **Options** > **Edit**. Next, select **Options** > **Edit label**, and then select an item to add and add it.

## Deleting information


To delete telephone numbers and addresses from Contacts, open Contacts and select **Options** > **Edit**. Select an item you want to delete, and then select **Options** > **Delete detail**.

## Editing a label

To change a label, open Contacts and select **Options** > **Edit**. Select a label you want to change and then select **Options** > **Edit label**, and edit the label.

## Setting the default number

You can specify the default number. This allows you to easily call a number that is set as the default if you register multiple numbers into a contact.

- 1 Press [  ] and select **Contacts**, and then select the contact you want set the default number, and open the contact.
- 2 **Options and select Option** > **Defaults**.
- 3 Select the default telephone number and press **Assign**.
- 4 Select a number you want to set as a default, and press **Select**.

## Deleting contacts

### Deleting one item

- 1 Press [ ] and select **Contacts**.
- 2 Select the contact you want to delete and press [ **C** ]. Press **Yes** to delete.

### Deleting multiple or all contacts

- 1 Press [ ] and select **Contacts**.
- 2 Press [ ] and , mark the contact you want to delete and press [ **C** ]. Press **Yes** to delete.

**Tip:** You can add and edit contacts using Nokia Contacts Editor available in Nokia PC Suite. See the CD-ROM supplied in the sales package.

## Creating contact groups

- 1 Press [ ], select **Contacts**, and press to open the Groups list.
- 2 Select **Options > New group**.
- 3 Enter a name for the group or use the default name **Group %N** and press **OK**.
- 4 Open the group and select **Options > Add members**.
- 5 Select a contact and press to mark it. To add multiple members, mark all the contacts you want to add.
- 6 Press **OK** to add the contacts to the group.

To rename a group, select **Options > Rename**. Then enter the new name and press **OK**.

**Tip:** Options available in the Groups list view: **Open, New group, Delete, Rename, Ringing tone, Contacts info, Settings, Help**, and **Exit**.



## Removing members from a group

- 1 In the Groups list, open the group you want to modify.
- 2 Select the contact you want to remove and select **Options > Remove from group**.
- 3 Press **Yes** to remove the contacts from the group.

**Tip:** To look up a contact's group, select **Options > Belongs to groups**.

## Adding ringing tones for contacts




When a call is received from a name or group in Contacts, the associated ringing tone sounds (if the number is sent, and the phone recognises the number).


- 1 Press [  ], select **Contacts** to open the contact to which you want to add the ringing tone. To add a ringing tone to a group, press  , open the Groups list, and select a contact group.
- 2 Select **Options** > **Ringing tone**. A list of ringing tones opens.
- 3 Select the ringing tone you want to use for the individual contact or the selected group.

To remove the ringing tone, select **Default tone** from the list of ringing tones.

If you have already set a ringing tone to a contact group and then add a new contact to the group, the group ringing tone will not be reflected to the added contact.

## Copying Contacts between the UIM and the phone's memory


- To copy a name and number from the UIM to the phone, press [  ] and select **Contacts** > **Options** > **UIM contacts** > **UIM directory**. Next, select the name you want to copy and select **Options** > **Copy to Contacts**.
- To copy the Contacts from the phone to the UIM, press [  ] to open **Contacts**. With the names you want to copy selected, select **Options** > **Copy** > **To UIM directory**. When copying multiple contacts, select **Mark/Unmark** before selecting **Copy** to mark the contacts you want to copy.
- To copy a telephone, fax, or pager number from Contacts to your UIM, press [  ] to open **Contacts**. Select the number you want to copy and select **Options** > **Copy to UIM direct**.

 **Tip:** To send contact information using the Bluetooth function, select the contact you want to send. Then, select **Options** > **Send** > **Via Bluetooth**. See "Sending data using Bluetooth" (p. 123). Note that you cannot send it using SMS or the i-mode mail.

## How to view UIM contacts





**Note:** Contact DoCoMo for information about fees and use of the UIM. A green UIM displays the service dialing numbers, but a blue UIM does not.

Press [  ] and select **Contacts** > **Options** > **UIM contacts** > **UIM directory** to view the names and numbers on the UIM. You can add and copy numbers to and edit contacts on the UIM Contacts. You can also make calls using these contacts.

## Viewing my number

Press [  ], select **Contacts** > **Options** > **UIM contacts** > **UIM directory** > **Options** > **My numbers**.

 **Tip:** You can synchronise your contacts to a compatible PC with Nokia PC Suite. See the CD-ROM supplied in the sales package.


 **Example:** You can use a person's name as a voice tag (for example, "John's mobile").

## Voice dialling

You can make a phone call by saying a voice tag (voice recording) that has been added to a contact. Any spoken words can be a voice tag.


Before using voice tags, note that:

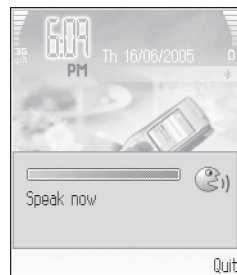
- Voice tags are not language-dependent. They are dependent on the speaker's voice.
- You must say the voice tag exactly as you said it when you recorded it.
- Voice tags are sensitive to background noise. Record voice tags and use them to make a phone call in a quiet environment.
- Very short names are not accepted. Use long names and avoid similar names for different numbers.

 **Note:** It is not appropriate to use voice tags in noisy places or in an emergency. Do not rely solely on voice dialling in any environment or situation.

## Adding a voice tag to a phone number

You can have only one voice tag per contact. You can add a voice tag to up to 50 phone numbers.


- 1 In Contacts, open the contact to which you want to add a voice tag.
- 2 Select the number to which you want to add a voice tag and select **Options > Add voice tag**.
- 3 Press **Start** to record a voice tag. After the starting tone, say clearly the words you want to record as a voice tag. Wait until the phone plays the recorded tag and saves it. An icon  can be seen next to the number in the contact indicating that a voice tag has been added to it.







## Making a call by saying a voice tag

You must say the voice tag exactly as you said it when you recorded it. When you are making a call by saying a voice tag, the loudspeaker is in use. Hold the phone at a short distance away and say the voice tag clearly.

- Press and hold []. The starting tone sounds. Record your voice tag when the following message appears: **Speak now**. The phone plays the original voice tag, displays the name and number, and dials the number of the recognised voice tag.

 **Tip:** To view the list of voice tags, select **Options > Contacts info > Voice tags** in Contacts.


## Playing, changing, and deleting voice tags


To play back, change, or delete a voice tag, open Contacts and select the number that has a voice tag (indicated by ). Select **Options > Voice tag**. Next, select **Playback, Change, or Delete**.

# Camera and Gallery



## Camera


**Shortcut:** Press  in the standby mode to open Camera.

 **Tip:** You can add images to contact. See "Adding Contacts" (p. 59).




Options before taking a picture: **Capture, New, Activate night mode/Deact. night mode, Self-timer, Go to Gallery, Adjust, Settings, Help, and Exit.**

With the **Camera** application, you can take pictures and record videos. The images and videos are automatically saved in the Gallery application. Still images are generated as JPEG images, and video clips are recorded in the 3GPP file format (.3gp extension). Also, still images and video clips can be sent through the Bluetooth connection.






The phone supports an image capture resolution of up to 1280 x 960 pixels.



 Please observe all the necessary copyrights while using your phone. Also, respect others privacy and rights and use your phone responsibly.

## Taking pictures

- 1 Press [  ] and select **Camera**. The **Camera** application opens, and you can see the view to be captured. See the figure below. Press  or  to move between the **Image** and **Video** views.




- (1) indicates where the images will be saved: to phone memory () or memory card (.
- (2) shows an approximate estimate of how many images can be saved in the memory of your phone or the memory card. (The number of images that can be saved varies depending on the resolution of the images selected.) See "**Image quality**" (p. 68).
- (3) shows the zoom level. Press  to zoom in, press  to zoom out.
- (4) displays the  icon when the Night mode is activated.


- (5) is the self-timer icon , which indicates how much time remains before the picture is taken. See "Self-timer" (p. 68).
- 2 To take a picture, press . Do not move the phone before the **Camera** application starts to save the image. The image is saved automatically in the **Images** folder of Gallery. See "Gallery" (p. 71).

Saving the captured image may take longer if you have changed the zoom, brightness, or contrast settings. For information about zoom, see "Taking pictures" (p. 66). For information about contrast, see "When taking a picture" below.


### When taking a picture

- It is recommended that you use both hands to keep the camera still.
- To take images or record videos in a dark environment, use the Night mode. If you are using the Night mode, the exposure time is longer, and the camera needs to be kept still longer.
- To adjust the brightness or contrast before taking the picture, select **Options** > **Adjust** > **Brightness** or **Contrast**.
- The resolution of a zoomed picture is lower than that of a non-zoomed picture, but the image size remains the same. You may notice the difference in image quality if viewed on a PC, for example.
- **Camera** goes into battery saving mode if there are no key presses for a minute. To continue taking pictures, press .


### After the image has been taken:

- If you do not want to keep the image, press [C].
- To return to the viewfinder to take a new picture, press .
- To send the image using **Via Bluetooth**, press [L]. For more information, see "Bluetooth connection" (p. 122).
- To make an image into a wallpaper in the standby mode, select **Options** > **Set as wallpaper**.

**Shortcut:** Press [あ@1 ぬ] to activate or deactivate the Night mode. Press [def 3 ㇏] to adjust brightness. Press [mno 6 は] to adjust contrast.

 **Glossary:** Resolution is a measure of sharpness and clarity of an image. Resolution refers to the number of pixels in an image. The more pixels an image uses, the more detailed it becomes, and the more memory it consumes.

## Self-timer

Use the self-timer to delay the taking of a picture for a specified number of seconds. To set the self-timer, select **Options** > **Self-timer** > **10 seconds**, **20 seconds**, or **30 seconds**. Press **Activate**. While the timer is executing, the self-timer icon () blinks, and the phone beeps depending on the selected mode. The camera takes the picture after the selected delay has elapsed.

## Adjusting camera settings

- 1 Select **Options** > **Settings** > **Image**.
- 2 Select the setting you want to change.
  - **Image quality**—There are three levels, **High**, **Normal**, and **Basic**. The better the image quality, the more memory the image consumes. The resolution of a zoomed picture is lower than that of a non-zoomed picture, but the image size remains the same. You may notice the difference in image quality if viewed on a PC, for example. If you are going to print the image, select the **High** or **Normal** image quality.
  - **Show captured image**—Select **Yes** to view the picture you have just taken. Select **No** to continue taking pictures.
  - **Image resolution**—Select the image resolution for pictures you take (640 x 480 or 1280 x 960).
  - **Default image name**—Set a default name for the images you are going to take. You can replace the date with your own text (for example, Holiday\_2005).
  - **Memory in use**—Select where to store your images.

## Recording videos

- 1 Press [ ] and select **Camera**.
- 2 Press or to move between the **Image** and **Video** views. Switch to the **Video** view. The indicator shown with the video recordable time indicates into which location—the phone memory () or the memory card ()—the video will be saved.
- 3 Press to start recording. The record icon is shown.



- (1) indicates the elapsed time and the remaining time for the current video.
- (2) indicates the zoom level. Press to zoom in on your subject before or during recording. Press to zoom out.
- At (3), the icon is displayed when the microphone is muted.
- At (4), the icon appears when the Night mode is activated.

To pause recording at any time, press (or **Pause**). The pause icon starts to blink on the display. Press (or **Continue**) again to resume recording.

Video recording goes into the standby state (battery saving mode) if there are no key presses within a minute. Press to restart video recording.

- 4 Press **Stop** to stop recording. The recorded video is saved automatically as video clips in the **Video clips** folder in the Gallery. See "Gallery" (p. 71).

### After a video clip has been recorded

- To immediately play the video clip you just recorded, select **Options** > **Play**.
- If you do not want to keep the video, press [ **C** ].
- To return to the viewfinder to record a new video, press .
- To send the image using **Via Bluetooth**, press [ ]. For more information, see "Bluetooth connection" (p. 122).

Options before recording: **Record**, **New**, **Activate night mode**/**Deact. night mode**, **Mute**/**Unmute**, **Go to Gallery**, **Adjust**, **Settings**, **Help**, and **Exit**.

**Shortcut:** Press [ @ 1 ] to activate or deactivate the Night mode. Press [ def 3 ] to adjust brightness. Press [ mno 6 ] to adjust contrast.


## Adjusting video recorder settings








Select **Options** > **Settings** > **Video**, and select the settings you want to change from the following.

- **Length**—Select **Maximum** to set the recording time for each video clip to a maximum of one hour (when using a 64 MB memory card). Select **Short** to limit the video clip's recording to 300 KB. It is about 30 seconds in length.
- **Video resolution**—Select the image resolution for videos you take (128 x 96 or 176 x 144).
- **Default video name**—Set a default name for the video you take. You can replace the date with your own text (for example, Holiday\_2005).
- **Memory in use**—Select where to store your videos.





## Gallery

Press [  ] and select **Gallery**. In the **Gallery** application, you can store and organise your images, sound clips, playlists, and video clips.



Select  **Images**,  **Video clips**,  **Tracks**,  **Sound clips**,  **Links**, or  **All files**, and press  to open.




In the **Images** and **Video clips** folders, you can create a folder, mark items, and copy and move items to the folder as well as viewing folders. Sound clips and video clips are opened and played in the RealPlayer application. See "RealPlayer™" (p. 77).


- Press  to open a file or a folder. Images are opened in the Image viewer. See "Viewing images" later in this document.
- To copy or move a file to a memory card or to the phone's memory, select the file, and then select **Options** > **Organise** > **Copy to memory card/Move to memory card** or **Copy to phone mem./Move to phone mem..** Files stored on the memory card are indicated with .
- To search for a file, select **Options** > **Find**. Enter a search string (for example, the name or date of the file you are searching) and start the search. Files that match your search are shown.

## Viewing images
















Pictures taken with the **Camera** application are stored in the Gallery. Images can also be sent to you as an i-mode mail attachment or through Bluetooth. To view a received image in Gallery, you need to save it in the phone memory or on a memory card.

Open the **Images** folder () in the Gallery and launch the image viewer. Select an image and press .


 **Tip:** To leave the application open and music playing in the background, press [  ] twice to return to the standby mode. To return to the application, press [  ] and select **Gallery**.


 **Tip:** You can send images from your phone to a PC (Windows 2000/Windows XP) using Nokia Phone Browser or Image Store that comes in the Nokia PC Suite. See the CD-ROM supplied in the sales package.


Options for viewing images: **Send**, **Set as wallpaper**, **Rotate**, **Zoom in/Zoom out**, **Full screen/Normal screen**, **Delete**, **Rename**, **View details**, **Add to 'Go to'**, **Help**, and **Exit**.

- To zoom in and out on an image, select **Options > Zoom in** (or press [  5 jkl ]) or **Zoom out** (or press [  ]). You can see the zooming ratio at the top of the display. Press and hold [  ] to return to the normal view. The zooming ratio is not stored permanently. You can use  to scroll the zoomed image. Alternatively, pressing [  2 abc ] (up), [  8 tuv ] (down), [  4 ghi ] (left), or [  6 mno ] (right) scrolls the image.
- To view images in full screen mode, select **Options > Full screen**. Or press [  \*+u0 ] while the image is being displayed. The borders around the image are removed. To return to normal screen mode, press [  ] and select **Normal screen**. Or you can press [  \*+u0 ] to return to the normal screen mode. Press [  7 pqr5 ] to zoom a image while viewing it. Press [  7 pqr5 ] again to switch to the full screen mode. Depending on the size of the image, it may be displayed with margins. If you rotate the image and then display it in the full screen mode, the image may fill the screen.
- To rotate an image, select **Options > Rotate**. Then, select **Left** (or press [  @ 1 mno ]) or **Right** (or press [  def 3 a ]). **Left** rotates the image counter-clockwise, and **Right** rotates the image clockwise.

## Files protected by copyright

Files protected by a copyright are indicated with the  icon in the Gallery file list. You cannot send or copy files with this icon.

 **Tip:** Images captured with this phone cannot be attached to i-mode mail or sent.


 **Tip:** When editing or transferring images or sounds using Nokia Sound Converter or Nokia Image Converter in Nokia PC Suite, select "Nokia 6630" as the model name of the phone.




# Media



## Video editor

To edit a video clip, press [  ] and select **Media > Vid. editor**. You can edit video by combining and trimming video clips, and adding sound clips, transitions, and effects. Transitions are visual effects that you can add to the beginning and end of the video or between the video clips.

## Editing video, sound, and transitions

- 1 Press [  ] and select **Media > Vid. editor**, and then select a video clip. To select multiple video clips, select **Options > Mark/Unmark** and add check marks to select.
- 2 Select **Options > Edit**. In the Edit video view, you can insert video clips to make a custom video clip, and edit the clips by trimming them and adding effects. Also, you can add sound clips and change their duration.


The following options are available for editing videos.

**Preview**—You can preview video clips.

**Cut**—You can trim video clips and sound clips in the Cut Video Clip view and the Cut Sound Clip view.

**Insert:**

- **Video clip**—Inserts the selected video clip. A thumbnail of the video clip is shown in the Main view. The thumbnail is the first image in the video clip (it is the first identifiable image). The name and length of the selected video clip are also shown.
- **Sound clip**—Inserts the selected sound clip. The name and length of the selected sound clip are shown in the Main view.

 **Tip:** To take a screenshot of a video clip in the Preview view, Edit Preview view, or Cut view, select **Options > Take snapshot**.

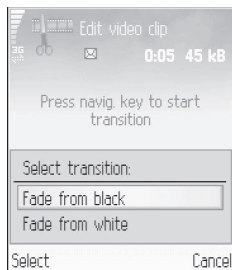


Fig. 7: This edit transition view shows **Fade from black** selected as the transition.

**Tip:** You can specify **Default video name**, **Default sc. shot name**, and **Memory in use** in the **Settings** view.



- **New sound clip**—Records a new sound clip to the selected location.

#### Edit video clip

- **Move**—Moves the video clip to the selected location. This option is displayed when you have already inserted a video clip using **Insert**.
- **Add colour effect**—Adds a colour effect to the video clip.
- **Use slow motion**—Slows the playback speed of the video clip.
- **Mute sound / Unmute sound**—Mutes or unmutes the original video clip sound.
- **Remove**—Removes the video clip from the video.
- **Duplicate**—Makes a copy of the selected video clip or sound clip.

#### Edit sound clip

- **Move**—Moves the sound clip to the selected location. This option is displayed when you have already inserted and viewed a sound clip using **Insert**.
- **Set duration**—Edits the sound clip length.
- **Remove**—Removes the sound clip from the video.
- **Duplicate**—Makes a copy of the selected video clip or sound clip.

**Edit transition**—There are three types of transitions: at the start of a video, at the end of a video, and between video clips. You can select a start transition when the first transition of the video is active. Press  or  and select a transition in the Edit Video Clip view.


- 3 Select **Save** to save your video. You can define the **Memory in use** in **Settings**. The default is the phone memory.







To send a video clip using Bluetooth, select the video clip and select **Options > Send > Via Bluetooth**.


**Tip:** For information about using Bluetooth, see "Sending data using Bluetooth" (p. 123). You can also transfer your videos using Bluetooth to your Bluetooth-enabled personal computer or by using a memory card reader (internal/external).






## Movie director

A **muvee** is an edited short video clip, to which you can add video, music, and text. To create a muvee, press [  ] and select **Media > Movie**. Select **Quick muvee** and choose a muvee style to have Movie director automatically create a movie. Movie director uses the default music and text associated with the chosen style. Every style has, for example, its own font style, colour, music, and pace. You can select individual video clips, sound clips, images, and styles when creating a **Custom muvee**. You also can add opening text and closing text to a muvee.

Open **Movie** and press  or  to switch between the  view and the  view. You can also return to the  view by pressing **Done** in the  view.

The  view has the list of video clips, and you can select **Options > Play, Send, Rename,** and **Delete**.

- To create a quick muvee, select **Quick muvee** and press . Select a style for the muvee from the style list, and press . The created muvee is saved in the Movie director muvee list. The muvee plays automatically after it is saved.

 Options in the muvee list options menu: **Play**, **Send**, **Rename**, **Delete**, **Help**, and **Exit**.

- To create a new custom muvee, select **Custom muvee**. Use **Video**, **Image**, **Style**, or **Music** to select clips to put in the muvee. In **Message**, you can add an opening message and a closing message to a muvee. Select **Create muvee**.
  - **Default**—Sets the default length of muvees. The default length is approximately 9 seconds.
  - **Same as music**—Sets the muvee duration to match that of the music clip chosen.
  - **User defined**—Defines the length of the muvee.
 Select **Options > Save**.
- To preview a custom muvee before saving, select **Options > Play** in the **Preview muvee** view.
- To create a new custom muvee using the same style settings, select **Options > Recreate**.
- To add an opening message and a closing message to a new custom muvee, select **Message** in the **Create muvee** view. Enter an opening message and a closing message, and select **Done**.

## Settings

Select **Settings** to set the following options:

- **Memory in use**—Select where to store your muvees.
- **Resolution**—Select the resolution of your muvees.
- **Default muvee name**—Set the default name for your muvees.



## Image manager

To browse your images visually, press [ ] and select **Media** > **Image mgr.**. See Figure 8.

- 1 Press and select the memory (**Phone mem.** or **Memory card**). Image manager also shows how many folders or images are in the selected folder.
- 2 Press to open a folder and browse images visually. Press or to move between images and folders. Press to view an image.
  - Press [ ] and simultaneously to mark images for an image show. A check mark is shown next to a selected image. Select **Options** > **Image show**. Press or to view the next or previous image in the show. Press [ ] to return to the screen.



## Voice recorder

To record telephone conversations and voice memos, press [ ] and select **Media** > **Recorder**. If you are recording a telephone conversation, both parties will hear a tone every 5 seconds while recording.



## RealPlayer™

Press [ ] and select **Media** > **RealPlayer**. With RealPlayer™ you can play video clips, sound clips, playlists, and stream media files over the air. A streaming link can be activated when you are browsing Internet pages, or it can be stored in the phone memory or memory card.

RealPlayer supports files with extensions such as .aac, .awb, .m4a, .mid, .mp3, and .wav. However, RealPlayer does not necessarily support all file formats or all the variations of file formats. For example, RealPlayer will attempt to open all .mp4 files, but some .mp4 files may include content that is not compliant with the 3GPP standard and, therefore, is not supported by this phone.

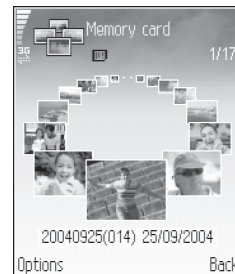


Fig. 8: Images viewed in Image manager.

Options in RealPlayer when a clip is selected: **Play**, **Play in full screen/Continue**, **Continue in full scr.**, **Stop**, **Mute/Unmute**, **Clip details**, **Send**, **Settings**, **Help**, and **Exit**.

### Shortcuts during playback:

To fast forward, press and hold . To rewind through the media file, press and hold . To mute the sound, press and hold until the icon is displayed. To turn on the sound, press and hold until the icon is displayed.

### Icons:

—Repeat,  
 —Random,  
 —Repeat and random,  
 —Mute

**Tip:** To leave the application open and music playing in the background, press [ ] twice to return to standby mode. To return to the application, press [ ] and select **RealPlayer**.

## Playing video or sound clips

- 1 To play a media file stored in the phone memory or memory card, select **Options > Open** and select any of the following:
  - **Most recent clips**—Plays back one of the last six files played in RealPlayer.
  - **Saved clip**—Plays back a file saved in the Gallery. See "Gallery" (p. 71).
  - **Mem. card sound clips**—Plays back a sound clip saved on the memory card.
- 2 Select a file, and press to play back the file.

**Tip:** To show a video clip in the full screen mode, press [ ] while playing back the file. Press again to change back to the normal screen mode.

## Changing the RealPlayer settings

Select **Options > Settings**.

**Video**—There are settings of contrast and automatic repeat play of video clips in RealPlayer after playing the clip.


**Audio**—Select this to repeat playing of a track list, or to do the random playback of sound clips on a track list.

**Connection**—Allows you to edit access points that are specified in (p. 135).

When you stream-playback a media file on the Internet, a fee is charged by data volume for packet transmissions sent and received. Note that the fee may become very expensive when you send or receive a large file (Because this is not the i-mode connection, the "Pake-Houdai" deal is not applied).



# Messaging

Press [  ], and select **Messaging**. With the messaging function, you can create, send/receive, and edit i-mode mail and SMSs, and manage folders. You can also receive messages and data through Bluetooth, receive cell broadcast messages, and send service commands.

Subscribing to i-mode allows you to exchange messages, not only with other i-mode terminals (including mova), but also through the Internet.



**Note:** To use i-mode mail, you need to subscribe to i-mode. You can send/receive SMS without an i-mode subscription. In addition, you can change the address of your i-mode mail. For more information, see "i-mode User's Manual" and "Network Operation Guide".

The phone only supports receiving Deco-mail, and you can browse images attached to received Deco-mail. You cannot create or send a Deco-mail.

**Deco-mail:** You can receive enjoyable decorated mail such as messages with the colour of letters or background changed, images pasted into the body text, etc. When you receive a Deco-mail, you receive it as an i-mode mail with the body text and URL of the Deco-mail, and if you select the URL, you can browse the Deco-mail.

The phone supports only receiving i-motion mail. You cannot send i-motion mail.

**i-motion mail:** A service to send movies you captured or movies obtained from sites by FOMA (i-motion mail supporting terminal). When you receive i-motion mail, you receive it as an i-mode mail with the URL of the image, and if you select this URL, you can browse images converted into continuous still images.

If you open **Messaging**, the **New message** function and folder list are displayed. For status icons for i-mode mail and SMSs, see "Receiving and displaying messages" (p. 83).




**New message**—Creates i-mode mail and SMS.





You can select **Messaging** from the i-mode menu.





The options that can be used in the Messaging main view: **Create message**, **UIM messages**, **Cell broadcast**, **Service command**, **Settings**, **Help**, and **Exit**.


 **Tip:** To organise messages, add a new folder in **My folders**. See "My folders" (p. 88).


 Options that can be used in the cell broadcast: **Open**, **Subscribe/Unsubscribe**, **Hotmark/Remove hotmark**, **Topic**, **Settings**, **Help**, and **Exit**.


 **Inbox**—When i-mode mail, SMS, or message R/F is received, it will be saved into this folder.

 **My folders**—Organises received messages.

 **Drafts**—Saves draft messages that has not yet been sent.

 **Sent**—Saves up to 20 of the latest messages sent. However, it does not include data sent through Bluetooth. To change the number of messages saved, see "Other settings" (p. 93).

 **Outbox**—Messages waiting to be sent is temporarily saved.

 **Reports**—You can request to send the delivery report of sent SMS to the network (network service).

- To send the network service enabling command, etc., by entering service requests (USSD command), select **Messaging** > **Options** > **Service command** in the Messaging main view.
- Cell broadcast is a network service that allows you to receive messages on various topics, such as weather or traffic conditions from your service provider. For available topics and relevant topic numbers, contact your service provider. Select **Options** > **Cell broadcast** in the Messaging main view. In the main view you can see the status of a topic, a topic number, name, and whether it has been flagged (P) for follow-up. The cell broadcast cannot be used in Japan. It can be used only in the GSM network. It cannot be received in the W-CDMA network. A packet data connection may prevent cell broadcast reception.



## Creating and sending an i-mode mail.


If you use pictographs, the message display may vary depending on the device receiving the message.

Copyright protection may prevent some images, ringing tones, and other content from being copied, modified, sent, transferred, or forwarded.




- 1 Press (  ), and select **Messaging > New message > i-mode Mail**.

When the memory becomes insufficient due to full message folders, you cannot create a message. Delete unnecessary messages before creating a new message.

You can automatically add a header and signature to an i-mode mail. See "i-mode mail settings" (p. 90).

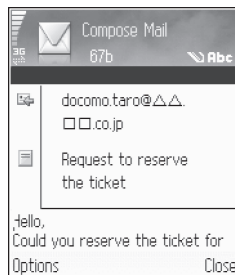
- 2 Enter an address you send the mail to. To select a recipient from contacts, press (  ). In i-mode mail, you can specify an i-mode mail address and an e-mail address. When you copy and paste a telephone number or e-mail address from a received message, copy it after making it editable by selecting Reply or Forward from the options.


### Adding recipient addresses



A total of up to five addresses can be specified for TO (  ), CC (  ), and BCC (  ) in i-mode mail. To add recipients, select **Options > Add recipient > TO/CC/BCC**. You cannot send i-mode mail without specifying the **TO**.

### Changing recipients

To change the type of specified recipient, with TO, CC, or BCC selected, select **Options > Change to > TO/CC/BCC**. This option is displayed when multiple recipients are selected.



 **Tip:** You can begin creating i-mode mail in applications that have **Send** in Option menu. Select the files to add to i-mode mail, and select **Options > Send**.



 **Tip:** To mark a checkbox on the contact screen, scroll to a target contact and press (  ). You can mark multiple contacts.

Options that can be used when editing i-mode mail: [Send](#), [Open Contacts](#), [Add recipient](#), [Change to](#), [Attachment](#), [View attachments](#), [Remove recipient](#), [Insert](#), [Delete Mail](#), and [Exit](#).

The options that are shown vary.

### Deleting recipients

To delete recipients, select recipients to be deleted, and select [Options](#) > [Remove recipient](#). This option is displayed when multiple recipients are selected.

- 3 Press  to enter a subject into the field.
- 4 Press  to move to the body field.
- 5 Enter the text.

### Attaching files

To add attached files to i-mode mail, select [Options](#) > [Attachment](#) > [Image/Melody/Camera](#).

Selecting [Camera](#) launches the camera application.

When files are added, the following icons will be displayed on the navigation bar on the top of the screen.


-  –Image
-  –Melody



**Tip:** You cannot attach files protected by copyrights. In addition, you cannot attach files when the file size is too large or the number of characters in the message already exceeds the limit. Images captured with this phone cannot be attached to i-mode mail or sent.

For the number of characters or the attached file size that can be sent/received in i-mode mail, see "i-mode User's Manual".

### Displaying attached files

To display or play back an attached file, select [Options](#) > [View attachments](#), select a file, and press . Alternatively, select [Options](#) > [View image/Play sound](#). To delete files, select [Remove attachment](#).

### Quitting a message entry

To quit entering i-mode mail, press **Close** on the message composition screen. Select **Save to Drafts** to save i-mode mail to the draft folder or **Delete** not to save.

- 6 To send i-mode mail, select **Options** > **Send** or press [**⏏**].

To cancel sending, press **Cancel**. However, i-mode mail may be sent depending on the timing. i-mode mail for which transmission has been cancelled is saved in the outbound message folder.






## Receiving and displaying messages



Note: For the data size that can be received in i-mode mail, the number of saved i-mode mail in the i-mode Centre, and the i-mode mail settings, etc., see the "i-mode User's Manual".

If the phone is set to automatically receive i-mode mail, and its power is on in the service area, it automatically receives i-mode mail. See "Reception settings" (p. 90).

The icon () is displayed on the upper-right of the screen when new i-mode mail arrives at the i-mode Centre. When your terminal receives i-mode mail,  is displayed on the upper-right of the screen, and **1 new message** is displayed on the standby mode. Press **Show** to open the received i-mode mail. To open new i-mode mail in the Inbox folder, scroll to the target message and press **⏏**. You can have attached files automatically displayed and played when you display i-mode mail with attached files. See "Layout settings" (p. 90).

If your terminal receives the maximum allowable number of messages,  on the upper-right of the screen turns to blink, a message indicating the lack of memory is displayed, and no more messages can be received. Delete unnecessary messages, and perform the receiving operation again. In addition, the phone does not support message protection functions.

### Draft message icons:



—Draft SMS



—Draft i-mode mail

### i-mode mail and SMS status icons:



—Unread messages in the inbox message folder



—Attached files



—Unread SMS



—Read SMS



—Unread i-mode mail



—Read i-mode mail



—Unread message R



—Read message R



—Unread message F



—Read message F



—Data received through Bluetooth

## Displaying and saving attached files

- 1 Open i-mode mail to which files are attached, select **Options** > **View attachments**.
- 2 Select **Options** > **View image/Play sound/Save attachment** on the attachment list screen, press **Yes**. They are saved in the Gallery folder. Messages cannot be saved in MMC.

## Registering the address of i-mode mail as a contact

- 1 With received i-mode mail opened and the e-mail address field selected, select **Options** > **Save address**.
- 2 Select **Create new** to create a new contact, or **Update existing** to edit a registered contact, and press **OK**.
- 3 When you select **Create new**, the new registration screen for a contact will appear if you select the type of e-mail address. If you select **Update existing**, select a contact to add an e-mail address, select the type of e-mail address, and press **OK**.

## Replying and forwarding i-mode mail

To reply to received i-mode mail or to forward i-mode mail, with the i-mode mail opened, press **Options**, and select one of the following.


- **Reply**—Replies only to the sender.
  - **Reply**—Replies to senders indicated in the **TO** field.
  - **Reply all**—Replies to senders indicated in the **TO/CC** fields.
  - **Reply quoted**—The body text of the received i-mode mail is copied to the reply message, and a quotation symbol > is added at the top.

- **Reply quoted all**—The body text of the received i-mode mail is copied to the reply message, and a quotation symbol > is added at the top. This option sends a reply to the addresses in the **TO/CC** fields.
- **Forward**—Creates a forwarding message.

The saved files can be sent to other devices through Bluetooth. See "Bluetooth connection" (p. 122).


Copyright protection may prevent some images, ringing tones, and other content from being copied, modified, sent, transferred, or forwarded.


## Deleting messages




- 1 Press [  ] and select **Messaging**, and open a folder containing the message(s) to be deleted.
- 2 Select the message(s) to delete, and press [ **C** ]. Press **Yes** to delete.  
To delete multiple messages, select the Messaging, select **Options** > **Mark/Unmark** to mark them, and press [ **C** ].

## Copying the body text of i-mode mail

You can copy part of the message body text or the entire text.

- 1 Press [  ], select **Messaging**, and open i-mode mail from the **Inbox** or **Sent** folder.
- 2 Select **Options** > **Copy** > **Part of text** or **Whole text**.  
Selecting **Part of text** displays a screen of **Item text**. For how to copy text, see "Copying and pasting text" (p. 41).  
Selecting **Whole text** copies the entire text into the clipboard.



 **Tip:** When you select **Reply quoted** or **Reply quoted all** and the number of characters within a quotation exceeds the predefined number of characters because quotation symbols are added, the portion that exceeds that limit will be deleted.

 **Tip:** When a new message arrives at the i-mode Centre,  is displayed on the upper-right of the screen, and  is displayed during the execution of the screen saver.



## Selectively receiving i-mode mail

When you set **Receive option** to **Yes** to disable automatic receiving of i-mode mail, you can selectively receive or delete i-mode mail that is saved at the i-mode Centre when connecting there.

- 1 See "Reception settings" (p. 90) to set **Receive option** to **Yes**.
- 2 Press [  ], and select **i-mode** > **Receive option**. You are connected to the i-mode Centre.
- 3 Select whether to receive, delete, or save for each i-mode mail, and press .
- 4 Receive or delete i-mode mail by following the instructions on the screen.

To exit, press **Exit**.



## Contacting the i-mode Centre




i-mode mail sent when you are outside the service area or when the phone is turned off will be stored in the i-mode Centre. Contact the i-mode Centre and receive i-mode mail.

Press [  ] and select **i-mode** > **Check new messages**. It starts receiving messages.

To cancel it in the midst of operation, press **Cancel**.

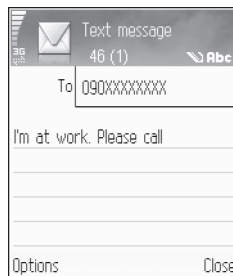
## Creating and sending SMS (short message)

You can send and receive SMSs with other FOMA or mova terminals. For detailed information regarding SMS, see the "Network Services Operation Guide".

- 1 Press [  ], and select **Messaging** > **New message** > **Text message**.
- 2 Enter the recipient's telephone number. If you select a telephone number from Contacts, press .
- 3 Press  to move to the message field, and type the body text.

You can enter up to 70 full-width characters (zenkaku moji)/160 alphanumeric characters in the body text.

To use templates, select **Options** > **Insert** > **Template**.





### Quitting a mail entry


To quit entering a message, press **Close** on the message composition screen. Select **Save to Drafts** to save the message to the draft folder or **Delete** not to save.




Note: You cannot send SMS if the number of characters exceeds 70 full-width characters/160 alphanumeric characters. When sending SMS with more than this number of characters, you will receive a sending error. In such a case, a connecting fee will not be charged.

- 4 To send messages, select **Options** > **Send**, or press [  ].

 **Tip:** You cannot enter pictographs into the SMS body text.

 Options that can be used in the message edit: **Send**, **Add recipient**, **Insert**, **Delete**, **Check contacts**, **Message details**, **Sending options**, **Help**, and **Exit**.


## Receiving SMS

When you receive a message, **1 new message** is displayed on the standby mode. Press **Show** to open the received message. To open a message in Inbox, scroll to it and press .

## Replying and forwarding SMS


To reply to or forward received SMS, open the SMS and select **Options > Reply**, or **Forward**.

## Deleting SMS

- 1 Press [  ] and select **Messaging**, open a folder containing the SMS to be deleted.
- 2 Select an SMS to delete, and press [ **C** ]. Press **Yes** to delete.  
When you delete multiple SMSs, select the SMS, select **Options > Mark/Unmark** to mark them, and press [ **C** ].



## My folders

 **Tip:** You can add a new template to or edit existing templates in the Templates folder

In My folders, you can organise your messages by folders, create new folders, and rename and delete folders.

To add a folder, select **My folders > Options > New folder**, and enter the folder name.

To delete an added folder, select **My folders > Options > Delete**. Press **Yes** to delete.





## Outbox—messages waiting to be sent

In the Outbox folder, i-mode mail and SMS waiting to be sent are temporarily saved. To resend i-mode mail or SMS, select **Options > Send**.

To edit i-mode mail or SMS in the Outbox folder, move it to the Drafts folder by selecting **Options > Move to Drafts**, and then edit it. This option may not be displayed depending on the status of the i-mode mail or SMS.

### i-mode mail status


**Ready to Send:** Displayed for i-mode mail that are waiting to be sent or fails to be sent.


### SMS status


- **Sending:** The connection is established and SMS is being sent.
- **Waiting:** When there are multiple unsent SMS, the unsent messages are sent in sequence.
- **Deferred:** Displayed if you send SMS when the phone is not connected to the network, such as while in self mode. The SMS will be sent after getting out of the self mode. The SMS will be automatically sent after getting out of the self mode.
- **Failed:** The maximum number of sending attempt has been reached, but the attempts are failed. See "SMS settings" (p. 91) to confirm the settings.

### i-mode mail and SMS status icons:

 —Sent SMS

 —Unsent SMS

 —Sent i-mode mail

 —Unsent i-mode mail

## Settings for messages

### i-mode mail settings

Press [  ], and select **i-mode** > **Messaging** > **Options** > **Settings** > **i-mode Mail**. The **Layout** setting screen appears. To switch to the setting screen for **Receive** or **Check mail**, press



#### Layout settings

- **Header**—To automatically add the header to i-mode mail body text, select **Enabled**, enter the header, and then save it.
- **Signature**—To automatically add a signature to the end of i-mode mail body text, select **Enabled**, enter the signature, and then save it.
- **Reply marker**—Adds a quotation symbol to the beginning of the replied i-mode mail body text. You can set it to a character other than >.
- **Automatic start of attachment**—If you set to **Yes**, when you display i-mode mail with images, the images are automatically displayed. For i-mode mail with sound files, the sound automatically plays when you display the message.

#### Reception settings

- **Receive option**—If you set this to **No**, the phone automatically receives i-mode mail. If you set this to **Yes**, see "Selectively receiving i-mode mail" (p. 86) or "Contacting the i-mode Centre" (p. 86) to receive i-mode mail.
- **Receive image**—If you set this to **Yes**, the image files attached to i-mode mail are received.
- **Receive melody**—If you set this to **Yes**, the sound files attached to i-mode mail are received.


### Check new messages settings

- When you use [Check new messages](#), set the type of messages to be received. For [Check new messages](#), see "Contacting the i-mode Centre" (p. 86).




## SMS settings

Select [Messaging](#) > [Options](#) > [Settings](#) > [Text message](#).

- [Message centres](#)—Lists all the SMS service centres that have been defined. Normally, you do not need to change the settings.
- [Msg. centre in use](#)—Selects a message centre used to deliver SMS. Normally, you do not need to change the settings.
- [Receive report](#) (network service)—Requests the network to send SMS delivery reports. If it is set to [No](#), only the [Sent](#) status is displayed on the connection history. See "Log" (p. 56).
- [Message validity](#)—If the recipient of a message cannot be reached within the validity period, the message is removed from the SMS centre.  
Note that you cannot send SMS if you select one week or the maximum validity period.
- [Message sent as](#)—Set it to SMS. Note that you cannot send SMS if you set it to anything other than SMS.
- [Preferred connection](#)—You can send SMS through the normal W-CDMA network or by packet data if it is available on the network. Setting either of them allows you to send SMS. See "Connection settings" (p. 135).
- [Reply via same ctr.](#) (network service)—Set it to [No](#). Note that you cannot send SMS if you set it to [Yes](#).

 Options when editing message centre settings:  
[Edit](#), [New msg. centre](#),  
[Delete](#), [Help](#) and [Exit](#).

## Adding a new SMS centre

- 1 Select **Message centres** > **Options** > **New msg. centre**.
- 2 Press , enter a name for the service centre, and press **OK**.
- 3 Press  and , and enter the number of the SMS service centre. Obtain the number from your service provider.
- 4 Press **OK**.
- 5 To use the new settings, go back to the settings view. Scroll to **Msg. centre in use**, and select the new service centre.

## Service message settings

This service is unavailable with this phone.

## Cell broadcast settings

Confirm to your service provider for the topic and the topic number, and select **Messaging** > **Options** > **Options** > **Settings** > **Cell broadcast** to change the settings.

- **Reception**—Sets whether the information messages are received.
- **Language**—With **All**, you receive the cell broadcast messages in all supported languages. With **Selected**, you select a language to obtain the cell broadcast messages. If you cannot find the desired language, select **Other**.
- **Topic detection**—Set this to **On** to automatically search for new topic numbers and save them without names to the topic list. Choose **Off** if you do not want to save new topic numbers automatically.

The cell broadcast messages cannot be used in Japan. It can be used only in the GSM network. It cannot be received in the W-CDMA network. A packet data connection may prevent cell broadcast reception.

## Other settings

Select **Messaging**, and select **Options** > **Settings** > **Other**.

- **Save sent messages**—Select this when you want to save copies of all sent messages into the Sent folder.
- **No. of saved msgs.**—Set the number of sent messages that can be saved in the Sent folder. The default limit is 20 messages. When the limit is reached, the oldest message is deleted.

## Displaying the messages of UIM

This is the operation when inserting a UIM in which messages are saved to the phone. To display the messages saved in UIM on the screen, first you must copy the messages in the UIM to a folder in the phone.

- 1 Press [ **Ⓜ** ], and select **Messaging** > **Options** > **UIM messages**.
- 2 To mark messages to be copied, select **Options** > **Mark/Unmark** > **Mark** or **Mark all**.
- 3 Select **Options** > **Copy**. A list of folders opens.
- 4 Select a folder and press **OK** to start copying. After the copy, open the folder to view the messages.

## Connecting to i-mode

The i-mode service enables you to use an i-mode-compatible FOMA terminal (i-mode terminal) display to access online services such as i-mode mail, connecting to the Internet and sites (programmes) etc.

i-mode is a charged service to which you must subscribe. For details about available services, usage, fees, and charging methods, refer to "i-mode User's Manual".



Fig. 9: iMenu screen

- **Site (programme) connection**  
This service allows you to access a range of online services provided by your IP (information service provider), such as weather reports and news bulletins, simply by selecting them from the i-mode menu list. You can also download and enjoy games and standby screen images.
- **Internet connection**  
This service allows you to access a wide range of i-mode-compatible websites by directly entering the URL of the website on your i-mode terminal.
- **i-mode mail**  
This service allows you to exchange e-mail messages up to 5,000 full-width characters long not only with other i-mode terminals but with anyone who has an Internet e-mail address. You can also use other exciting message functions such as exchanging still images and movies.

Pages in sites not supporting i-mode may not be displayed properly.


The phone does not support some services such as Deco-mails, i-motion, FLASH.

- New subscribers to FOMA services can access all services from the first day of their subscription.
- If you have updated your mova service (i-mode) subscription to the FOMA service subscription, you can continue to use the "My Menu" information used under the mova service. Some sites may not retain your "My Menu" data under the FOMA service. In this

event, you will need to re-register. For information on which sites will retain your "My Menu" data, refer to "お知らせ & ヘルプ" (News & Help) in the iMenu.

- The i-mode service charges are based on the amount of information (the number of packets) you send and receive.

## i-mode menu

To display the i-mode menu, press [  ] and select **i-mode**.

There are the following menu items.



**iMenu**—Connects to the i-mode centre. You can access to various sites (programs) or "週間 i ガイド" (What's New). For detailed information about operations after the iMenu connection is established, refer to "i-mode User's Manual".



**Mail**—Select this to display the **New message** function and folder list. See "Messaging" (p. 79).



**Bookmark**—Allows you to store the addresses of your favorite websites on your i-mode terminal so that you can jump directly to them next time. See "Bookmark" (p. 100).



**i-appli**—Allows you to use i-appli downloaded from sites. See "i-appli" (p. 106).



**Go to location**—Allows you to connect to an i-mode-compatible website by directly entering the site address. See "Connecting to i-mode sites" (p. 97).



**Check new messages**—Connects your FOMA terminal to the i-mode Centre to check for new mail or Message Request/Free. See "Contacting the i-mode Centre" (p. 86).




**Receive option**—Allows you to check i-mode mail titles stored in the i-mode Centre. You can select i-mode mail to receive, and delete i-mode mail in the i-mode Centre without receiving them. See "Selectively receiving i-mode mail" (p. 86).



**Screen Memo**—Displays the stored page screens. See "Screen memo" (p. 101).



**i-mode setting**—Enables you to specify the i-mode settings for your FOMA terminal. See "i-mode settings" (p. 104).

- Some sites require you to pay an information fee to use the site (i-mode charged sites).
- You may have to subscribe separately to use some of the services provided by IPs.
- When  (refer to "Main icons" P.39) is displayed, you will not be charged except during the connection with the i-mode Centre.
- When you subscribe to the dual network service, some displays such as the iMenu screen will differ.






## i-mode password

You will need an i-mode password to subscribe to charged sites, register or cancel My Menu, or set the i-mode mail. It is set to "0000" when you first sign up. You need to change it to your own four digit number. Be careful not to show your i-mode password to others. For how to change the i-mode password, refer to "i-mode User's Manual".



## Connecting to i-mode sites


1 You can connect to i-mode sites by the following methods. Connect to a site by displaying iMenu and selecting from the menu list, selecting a bookmark, or entering the address into the URL input field.

- Press [  ], and select **i-mode** > **iMenu**. Next, select Menu List > the option for the site, and press . "Site screen" appears.
- Press [  ], and select **i-mode** > **Bookmark**. Select a bookmark to be accessed and press , or select **Options** > **Open**.
- Press [  ], select **i-mode** > **Go to location**, and enter URL.

2 Access the site, and start browsing.

- Websites that are not i-mode-compatible may not be displayed properly. To be i-mode-compatible, websites must be created using i-mode-compatible tags.
- Websites may be displayed differently on PCs.


### Connection security (SSL connection)

If the security icon () is displayed during a connection, the data transmission between the phone and the Internet gateway or server is encrypted.

The security icon does not indicate that the data transmission between the gateway and the content server (or place where the requested resource is stored) is secure. The service provider secures the data transmission between the gateway and the content server.

Security features may be required for some services, such as banking services. For such connections you need security certificates. For more information, contact your service provider.






**Shortcut:** When you press and hold [  ] in the standby screen, you can access the i-mode menu.



**Tip:** The phone does not support the SSL connection (FirstPass) for the client authentication.

## Viewing a site



When displaying a site, new links appear underlined in blue and previously visited links in red. When selecting an image that works as a link, the image is displayed with a surrounding frame.

- To open a link, to check boxes, and to make selections, press .
- To scroll a page, use  or .

## Options available while viewing a site

While viewing a site, press **Options** to select options to be used. The displayed options differ depending on conditions of the displayed site or the displayed contents.

### Open

- **URL**—Allows you to enter a URL to access a site.
- **Previous page**—Moves back to the previous page. When **Back** is displayed on the screen, you can also go back to the previous page by pressing **Back**. Alternatively, you can go back to the previous page by pressing  in some cases.
- **Next page**—Go forward to the next page after going back to the previous page. You can go forward to next pages by pressing  in some cases.
- **iMenu**—Displays the main screen of iMenu.
- **Bookmark**—Displays the list of bookmarks.
- **Screen memo**—Displays the list of screen memos.

### View



- **Reload**—Obtains the displayed page again from a server.
- **Change character code**—Converts the character code for the displayed page. If you repeat the conversion four times, it will go back to the original display. Also, operations of page update, forward move, or backward move will restore the original display.
- **Full screen**—Allows you to make the site display a full screen display.

## Tools

- **Save graphics**—Displayed when an image is selected on a site. It saves the image on the site (refer to P.102).
- **Add screen memo**—Saves the displayed page (refer to P.101).
- **Add bookmark**—Saves the title and URL of the currently displayed page as a bookmark.
- **Compose i-mode Mail**—Opens the mail composition screen.
- **Focused URL info**—Displays the URL selected on a site.
- **URL**—Displays the detailed information of the currently displayed page.

## <Notes on using i-mode>

- Contents on sites (programmes) or Internet websites are normally protected by copyright laws. The downloading of documents, pictures, and other data from these sites or websites to your FOMA terminal is permitted only when intended for your personal use only. No data may be copied in part or in whole, whether modified or not, for resale or redistribution without the consent of the copyright holder.
- Depending on the format of files downloaded from sites, the maximum number of the display colours that the phone has may not be viewed fully.
- All data saved (mail, message, screen memos, i-appli) or stored (bookmarks, etc.) in your FOMA terminal will be retained for approximately one month even when the battery pack was removed, but it may disappear after time. Also, data may be lost when your FOMA terminal is damaged, repaired, or otherwise mishandled. It is the user's responsibility to keep a separate record of all data stored in the FOMA terminal. Under no circumstances shall NTT DoCoMo be held liable for any loss of or damage to the stored data in your FOMA terminal. In addition, if you own a PC (Windows 2000, Windows XP), you can use Data Link Software included in the CD-ROM for FOMA NM850iG to transfer and back up the contents such as SMS or bookmarks onto your PC. The Data Link Software can be downloaded from the website ([www.nokia.co.jp](http://www.nokia.co.jp)) of Nokia Japan without a charge.

 **Tip:** To go back to the normal screen from the full screen, press [] (left soft key) and select **View > Normal screen**. The full screen does not display the signal strength indicator or the i-mode communicating icon.

Options available for bookmarks are [Open](#), [Compose i-mode Mail](#), [Edit](#), [Delete](#), [Add folder](#), [Move to folder](#), [Folder](#), and [Mark/unmark](#). The options that are shown vary.

- The i-mode service charges are based on the amount of information (the number of packets) you send and receive.
- If the browser is forcefully terminated by the multitasking function (p. 40), characters entered to a site will not be saved.



## Bookmark



**Glossary:** Bookmark is a function that allows you to easily connect to frequently accessed websites by registering them.

### Registering, editing, and deleting bookmarks

To register a bookmark, select [Options](#) > [Tools](#) > [Add bookmark](#) while displaying the page of a site.

To display the bookmark list while connecting to a site, select [Options](#) > [Open](#) > [Bookmark](#).

To edit registered bookmarks, select [Options](#) > [Edit](#). To enter special characters, such as /, ., : and @, press [ 記号\*+"" ].

To delete a bookmark, select a bookmark to be deleted and press [C]. Alternatively, select [Options](#) > [Delete](#). Press [Yes](#) to delete.

To delete multiple bookmarks, select [Mark/unmark](#) to mark the bookmarks to be deleted and delete them.

### Accessing sites from bookmarks

See "Connecting to i-mode sites" (p. 97).

### Adding folders

To add a folder, select [Options](#) > [Add folder](#), enter a folder name, and press [OK](#).

To edit the added folder, display the added folder, select [Options](#) > [Folder](#), and select one of the following operations.

- **Add**—Adds a new folder. A folder cannot be created in a folder.
- **Rename**—Changes a folder name.
- **Delete**—Deletes a folder.

When pressing  on the bookmark list screen, the display of folders will be switched.

To move a bookmark into a folder, select a bookmark to be moved, and select **Options** > **Move to folder**. Select a destination folder from the list, and press **OK**.



## Screen memo

This function allows you to save pages once displayed. Saved pages can be displayed without connecting to i-mode.

### Saving, editing the title of, and deleting screen memos


To save a screen memo, select **Options** > **Tools** > **Add screen memo** while displaying the page of a site.

To display the screen memo list while connecting to a site, select **Options** > **Open** > **Screen memo**.



To edit the titles of registered screen memos, select **Options** > **Edit**.

To delete a screen memo, select a screen memo to be deleted, and press [**C**]. Alternatively, select **Options** > **Delete**. Press **Yes** to delete.


To delete multiple screen memos, select **Mark/unmark** to mark the screen memos to be deleted and delete them.

 Options available for the screen memo display are **Open**, **Edit**, **Delete**, **Add folder**, **Move to folder**, **Folder**, and **Mark/unmark**. The options that are shown vary.

### Displaying screen memos

To display the saved screen memos, press [  ] and select **i-mode** > **Screen Memo**. Select a screen memo to be displayed and press , or select **Options** > **Open**.

### Adding folders

To add a folder, select **Options** > **Add folder**, enter a folder name, and press **OK**. When pressing  on the screen of the screen memo, the display of folders will be switched.

To edit the added folder, display the added folder, select **Options** > **Folder**, and select one of the following operations.

- **Add**—Adds a new folder. A folder cannot be created in a folder.
- **Rename**—Changes a folder name.
- **Delete**—Deletes a folder.

To move a screen memo into a folder, select a screen memo to be moved, and select **Options** > **Move to folder**. Select a destination folder from the list, and press **OK**.

### Downloading images from a site

Images can be saved from the pages of a site. The number of images you can save depends on the free space in memory of the phone.

- 1 Select **Options** > **Tools** > **Save graphics** while displaying pages of a site.
- 2 Select an image, press **Save**, and then **Yes** to save.  
Images are saved in **Gallery**. For saved images, refer to "Gallery" (p. 71).


3 Pressing **Back** returns to the state that is before an image is selected.

Copyright protections may prevent some images, ringing tones, and other content from being copied, modified, transferred, or forwarded.


## Phone To/Mail To/Web To functions

These functions allow you to make a call to a telephone number, to create and send an e-mail to an e-mail address, or to access a URL that you find on sites, Web pages, messages R/F, or mails.

### Phone To function

Select a telephone number on a site or e-mail, and press . A call will be made to the selected telephone number.




### Mail To function

Select an e-mail address on a site or e-mail, and press . The e-mail composition screen will open with the destination address specified.


### Web To function



Select a URL on a site or e-mail, and press . The site of the selected URL will be displayed.

## Ending a connection

Press **Exit** while displaying a site. Alternatively, press and hold [  ], select **Browser** application, and press [  ] to exit. Only pressing [  ] (End key) does not end a connection.

## i-mode settings

Press [  ], and select **i-mode** > **iMenu** > **Options** > **Settings**. You can also set by selecting **Options** > **Settings** while displaying a site or website.

Press  to switch setting items of **General** and **Certificate**. To change the contents of each setting, select a setting and press , or select **Options** > **Change**.

### General

- **Set connection timeout**—Sets the time until the transmission is automatically canceled when the data transmission cannot be performed due to inability to access a busy site.
- **Homepage**—Sets the URL of a website.
- **Set image display**—Sets if images are to be displayed while browsing.

### Certificate

Displays a list of certificates. To set to enable or disable certificates, select **Options** > **Change**. To view the details of certificates, select **Options** > **Details**.





Note: Copyright protection may prevent some images, ringtones and other contents from being copied, modified, transferred, or forwarded.

## Selecting a host

Changing hosts enables you to connect to any other providers other than i-mode. To connect with other providers, you need to subscribe to them separately. For service contents (site connection, Internet connection, e-mail function, etc.), how to subscribe, or fees for each provider, please contact them directly. Selecting a host other than i-mode disables you from using i-mode. When selecting a host other than i-mode, the "Pake-Houdai" deal will not be applied.

Use the following method to save a host. For the information you enter into each item, please contact the provider you use.



- 1 Press [  ], and select **i-mode** > **i-mode setting**. When a host other than i-mode is already set, press  to switch the display between **General** and **User defined**.

**General**

- **Host selection**—Select **User-defined host**.

**User defined**—Enter values into the following items.

- **Host name**
- **Host number**
- **Host address**

- 2 Press **Back** to save a host.

When you use i-mode again, change Host selection to **i-mode**.

## Receiving message R/F

When the phone is within the i-mode service area, it will automatically receive messages R/F from the i-mode service centre. When it is outside of the service area or it cannot automatically receive messages R/F for some reason, the messages will be stored in the i-mode Centre. To inquire whether messages are stored in the i-mode Centre, refer to "Contacting the i-mode Centre" (p. 86).

Received message R/F will be saved in **Inbox**. For the inbox, refer to "Messaging" (p. 79).

Messages R/F can be deleted in the same way as deleting messages. See "Deleting messages" (p. 85).



**Tip:** When you receive an image attached message R/F, open the message R/F and select **Options** > **Display attached file** to display the image.

## i-appli

You can conveniently take advantage of the i-mode supporting FOMA terminal (i-mode terminal) by downloading i-appli from Web sites. For example, you can download various games to enjoy them or i-applis for the stock price information to automatically check stock prices periodically. Additionally, a map i-appli enables smooth scrolling because it downloads only required data.

For detailed information on how to use i-appli, connection fees, other fees, and charging methods, see the "i-mode User's Manual" or information on the sites that you are using.



**Important:** When installing an i-appli, you need to confirm that the application is from a trusted provider. When harmful software is installed, the resulting damage may not be covered by the warranty.




**Note:** Copyright protection may prevent some images, ringtones, and other content from being copied, modified, transferred, or forwarded.







**Note:** If an i-appli is forcefully terminated by the multitasking function (p. 40), unsaved data will be discarded.

## Downloading i-appli

Select an i-appli to download from a page on a Web site, and begin downloading by pressing . For the download procedure, follow the instructions on the site.

If an alert showing lack of memory appears when downloading, delete unnecessary data and then download.

Downloaded i-applis are displayed with the following icons in the i-appli menu.

-  : i-appli downloaded and saved on your phone.
-  : i-appli downloaded through an SSL connection.
-  : i-appli for which the automatic launch setting is activated. The clock icon may not be displayed in the lower-right corner when downloading. It may be displayed if the setting for automatic launch is activated after downloading.
-  : i-appli that is downloaded through an SSL connection and the automatic launch setting is activated for.

If the currently used UIM is different from the UIM used when downloading an i-appli, the downloaded i-appli cannot be started. The above icons will be displayed in grey.




The following options are available (displayed options differ depending on the i-appli).

Select an i-appli, press **Options** to select an option.


- **Software description**: Displays the properties of the selected i-appli. For an i-appli with the function of the automatic launch, the automatic launch interval can be viewed [here](#).
- **Network**: Displayed for i-applis that use the network. Set whether you want the i-appli to communicate over the network during the execution. See "Communication setting for the execution of an i-appli" (p. 108).
- **Auto start**: Displayed for i-applis with the automatic launch function. This is the setting to automatically launch the selected i-appli. See "Automatic execution of an i-appli" (p. 109).
- **Certificate**: Displayed for i-applis downloaded through an SSL connection. You can view the certificate of the i-appli.
- **Update**: Updates the selected i-appli.
- **Delete**: Deletes the selected i-appli.
- **Software settings**
  - **Delete all**: Deletes all i-applis in the selected i-appli folder.

- **Show desc setting:** Select **Enabled** if you want the software information displayed when downloading an i-appli, or **Disabled** if you do not want it displayed.
- **Trace info:** This is the history showing errors during the execution of i-applis or when an i-appli was terminated abnormally. To delete the history, press **Delete**.
- **Auto start failure:** When an i-appli is not automatically launched, errors are recorded in the history log. To delete the history, press **Delete**.
- **System info:** You can view the memory amount used by the i-appli menu and the free memory amount.

## Executing an i-appli


Press [  ] to select **i-appli**. Alternatively, press [  ] and select **i-mode** → **i-appli**. Select an i-appli to be executed and then press .

Some i-applis pauses its execution when you receive a call, and restarts its execution when you answer the call. This is something you should remember, especially when you launch a game.

To finish an execution of an i-appli, press and hold [  ], select an i-appli, and press [ **C** ].

## Communication setting for the execution of an i-appli


Set whether you want the i-appli to communicate over the network during the execution.


- 1 Press [  ] and select **i-appli**. Select an i-appli and select **Options** → **Network**.
- 2 Select **Enabled** if you want the i-appli to communicate over the network, or **Disabled** if you do not want the communication. To confirm the execution when launching an i-appli, select **Confirm launch**.

If an i-appli you download has description of communication information, the screen for the communication setting appears after the download is completed.

## Automatic execution of an i-appli

Set the automatic execution of an i-appli at a specified time as follows:



- 1 Press [  ] and select **i-appli**. Select an i-appli and select **Options > Auto start**. This option does not appear for i-applis without the automatic execution function.
- 2 Select **Yes** to automatically execute.  
Select **Options > Software description** to view the interval and cycle of the automatic execution.

 **Shortcut:** Press any key ([ あ@1 ぬ ] through [ ゐぢん0 ぢ ]) in the calendar view. A meeting entry is opened, and the characters you keyed in are added to the **Subject** field.







# Calendar & To-do

## Calendar—creating calendar entries

- 1 Press [  ] and select **Calendar**.
- 2 Select **Options** > **New entry**.
  - Select **Meeting** to save an appointment for a specific date and time to remind you about it.
  - Select **Memo** to write a general entry for a day.
  - Select **Anniversary** to remind of birthdays and anniversaries. Anniversary entries are repeated every year.
- 3 Start to fill in the fields. Depending on the type of calendar entry selected, the fields change as shown below. Use  to move between fields.
  - **Meeting**—subject, location, start time, end time, start date, end date, alarm, repeat, synchronisation
  - **Memo**—subject, start date, end date, synchronisation
  - **Anniversary**—occasion, date, alarm, synchronisation

### About alarm, repeat, and synchronisation settings

**Alarm**—To set the alarm, select **On** and press  to set **Alarm time** and **Alarm date**. Alarm is shown with  in the Day view.

**Repeat**—Press  to change the entry to be repeated ( is shown in the Day view).

**Repeat until**—Allows you to set the end date for a repeated entry. When you set the repeat, the following day is set as the default end date.

**Synchronisation**—Select **Private** to allow only you to view the calendar entries after synchronisation. Others cannot access and view your calendar online. Select **Public** to allow users who can access your calendar online to view your calendar entries. Select **None**, and the calendar entry will not be copied to your PC when you synchronise.


- 4 To save the entry, press **Done**.


## About the calendar alarm

You can set the alarm to remind you of a meeting time. Alarms are not available for memos.

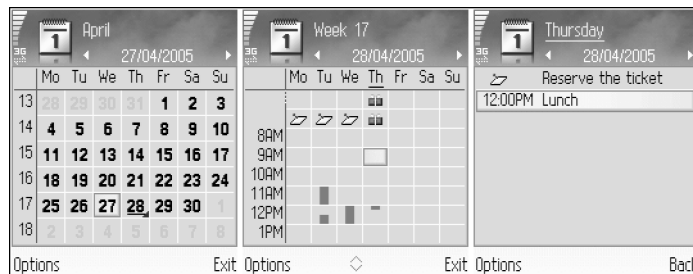
**Stopping a calendar alarm**—Press **Silence** to turn off the calendar alarm tone. The reminder text stays on the screen. Press **Stop** to stop the calendar alarm. Press **Silence** and then **Snooze** to set the alarm to snooze.

**Deleting a calendar alarm**—To delete a calendar alarm, open the entry with the alarm you want to delete and select **Alarm > Off**.

 **Tip:** You can send calendar entries to a Bluetooth-compatible phone. See "Sending data using Bluetooth" (p. 123). SMS and e-mail cannot be sent.

 **Tip:** Select **Options > Settings** to change the view that is shown when you open the calendar or the start day of the week.

## Calendar views



Day view

Week view



Month view

In the Month view, dates that have calendar entries are marked with a small triangle at the right bottom corner. In the Week view, memos and anniversaries are placed before 8 o'clock.


- Icons in the Day view and the Week view are indicating **Memo** and indicating **Anniversary**. There is no icon for **Meeting**.
- To move to a specific day, select **Options** > **Go to date**. Enter the date, and press **OK**.
- Press [ マナー#文字 ] to jump to today.
- If the phone's display language is Japanese, and you change the start day to Monday in the Month view, the weeks appear numbered in the Month view.



## Editing a calendar entry


- 1 Press [  ] and select **Calendar**. Select the calendar entry you want to edit and press  to open it.
- 2 Select the item you want to edit and make changes.  
If you are editing an entry that has **Repeat** setting, select how you want the change to take effect. To delete all repeated entries, select **All occurrences**. To delete only the current entry, select **This entry only**. For example, your weekly class has been cancelled. You have set the calendar to remind you every week. Select **This entry only** and the calendar will remind you again next week on.

## Deleting a calendar entry

- 1 Press [  ] and select **Calendar**.
- 2 Select the calendar entry you want to delete, and press [ **C** ]. Press **Yes** to delete.  
If there is a **Repeat** setting, choose how you want to delete them.

## Calendar settings





To change **Calendar alarm tone**, **Default view**, **Week starts on** and **Week view title**, select **Options** > **Settings**. **Week view title** is displayed when you set the start day to Monday.

 **Tip:** You can synchronise the calendar and To-do data with your PC (Windows 2000/Windows XP) using Nokia PC Suite. See the CD-ROM supplied in the sales package.



## To-do—task list

You can create and save To-do notes (task list). You can prioritise tasks and mark completed tasks.

- 1 Press [  ] and select **Organiser** > **To-do**.
- 2 **Options** > **New to-do note**.
- 3 Enter the task in the **Subject** field.
- 4 To set a due date for the task, enter a date in the **Due date** field.
- 5 To set the priority for the to-do note, select the **Priority** field, and press  to select the priority. The priority icons are  (**High**) and  (**Low**). There is no icon for the priority **Normal**.
- 6 Press **OK** to save.
  - To mark a task as completed, select the task in the To-do list, and then select **Options** > **Mark as done**.
  - To restore a task, select the task in the To-do list, and then select **Options** > **Mark as not done**.

# Organiser



## File manager—managing memory

File manager allows you to manage saved files in folders and check your available memory. The free memory available depends on how much data is already saved in the phone memory. You can use a RS-MMC memory card as extra storage space. You can delete and save data on memory cards because they are rewritable.

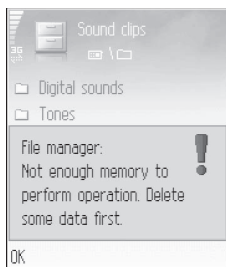
- To browse files and folders in the phone memory or on a memory card (if inserted), press [ ], and select **Organiser > File mgr.**. The phone memory view ( ) opens. Press to open the memory card view ( ).
- To copy files or move them to a different folder, press [ ] and simultaneously to select a file, and then select **Options > Move to folder** or **Copy to folder**.
- To search for a file, select **Options > Find**. Select the memory from which to search, and enter a search text that matches the file name.

### Icons in File manager:

- folder
- folder containing subfolders


## Files protected by copyright

You may not transfer or copy files that are protected by copyright. To view a file's details, select the file in the file list and select **Options > View details**. If "Not allowed" is displayed in **Content sending**, you cannot transfer or copy the selected file.



*Fig. 10: Insufficient memory view*

## Viewing memory usage

- To view the types of data saved on your phone and the memory consumption of each data type, select **Options > Memory details**. You can view the amount of memory that has been consumed and that is available.
- To view the amount of free memory on a memory card that is inserted in your phone, press  to open the memory card view, and select **Options > Memory details**. See Figure 11 on p.117.

## Memory low—freeing memory

Your phone notifies you when the available space of your phone memory or a memory card gets low.

- To free the phone memory, you need to use File manager to transfer data from your phone to a memory card. Select the files that you want to move, select **Move to folder**, and select the memory card and a folder on the card.
- You can use File manager or a similar application to delete data in order to free up memory. For example, you can remove the following types of data:
  - E-mails and messages from the Inbox, Drafts, and Sent folders in Messaging
  - Saved Web pages
  - Saved image, video, or sound files
  - Contacts information
  - Calendar notes
  - Downloaded applications (See "i-appli" (p. 106))
  - Any other data that you no longer need



## Memory card tool



**Note:** This device uses the Reduced Size Dual Voltage (1.8/3V) MultiMediaCard (RS-MMC). To ensure interoperability, use only dual voltage MMCs. Please consult the RS-MMC memory card manufacturer for more information about compatibility of RS-MMC cards. You may find that data that has been saved on a RS-MMC memory card in some other devices cannot be displayed or replayed on your phone. Similarly, data that has been saved from your phone to an RS-MMC card may not display or replay on some other devices.

Press [], and select **Organiser** > **Memory**. You can use a memory card as extra storage space. You can also back up information from phone memory and restore the information to the phone later. E-mail data cannot be backed up onto a RS-MMC memory card.

You cannot use the memory card if the memory card slot door is open.

Keep all memory cards out of the reach of small children.

Do not open the memory card slot door in the midst of an operation. Opening the slot door may damage your phone, the memory card, and the data stored on the card.

Only use multimedia cards (RS-MMC) that are compatible with your phone. Other memory cards (SD card, etc.) do not fit in the MMC card slot. They are not compatible with your phone. Using an incompatible memory card may damage your phone, the card, and the data stored on the card.

- To back up information from phone memory to a memory card, select **Options** > **Backup phone mem..**
- To restore information from the memory card to the phone memory, select **Options** > **Restore from card**.

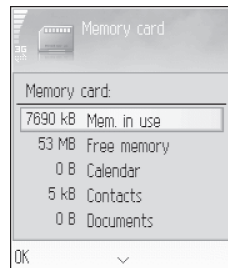



Fig. 11: Memory usage of the memory card.

Options for the memory card:  
**Backup phone mem.,**  
**Restore from card,**  
**Format mem. card,**  
**Memory card name,**  
**Memory details, Help,**  
 and **Exit**.

 **Tip:** To change the name of a memory card, select **Options** > **Memory card name**.

## Formatting a memory card

When a memory card is formatted, all data on the card is permanently lost. You can use only alphanumeric characters to name the memory card after formatting.


Some memory cards are supplied preformatted and others require formatting. The memory card that is supplied with your phone is already formatted, so you do not need to format it the first time that you use it.

When using a memory card you purchase, check whether it is necessary to format it with the shop where you purchase it.

To format a memory card, select **Options** > **Format mem. card**. Select **Yes** to confirm. When formatting is complete, enter a name for the memory card, and press **OK**.



## Calculator






To add, subtract, multiply, divide, calculate square roots and percentages, press [  ] and select **Organiser** > **Calculator**.



Note: The calculator on your phone has limited precision, so rounding errors may occur with calculations that involve a large number of decimal places.


To save a number in memory (indicated by **M**), select **Options** > **Memory** > **Save**. To retrieve a number from memory, select **Options** > **Memory** > **Recall**. To delete a number from memory, select **Options** > **Memory** > **Clear**.

## Percentage calculation

- 1 Enter the number for which you want to perform a percentage calculation.
- 2 Select , , , or .
- 3 Enter the percentage.
- 4 Select .




## Notes

To enter notes, press [  ], and select **Organiser > Notes**. You can use SMS or Bluetooth to send notes to devices that are compatible with this phone. You can save in notes any text files (TXT format) that you receive.



## Go to—adding shortcuts




You can create shortcut links to your favourite images and notes. Once you have added shortcuts for frequently viewed images and notes to Go to, you can view them directly in Go to without having to open their associated application. To view Go to, press [  ], and select **Organiser > Go to**.

### Adding shortcuts

If you are adding images from the Gallery, you need to add each file separately. You can only add an application to Go to when **Add to 'Go to'** is displayed in the options list. Not all applications have this feature.

- 1 Select the application that you want to add to Go to. If you are adding a Gallery file, select the file.
- 2 Select **Options > Add to 'Go to'**. An icon for it will be added to Go to.
  - If you move the original file to another folder after adding it to Go to, the link in Go to will be automatically updated.
  - You can change the identifier in the lower left corner of each shortcut icon. For example, multiple images added from the Gallery are all represented by the same shortcut icon in Go to. You can distinguish between them by changing their identifier. To change an identifier, select **Options > Shortcut icon**.

**Default shortcut examples:**

-  opens **Calendar**.
-  opens **Inbox**.
-  opens **Notes**.



*Fig. 12: Images added to Go to*

💡 **Tip:** The Converter options are [Select unit/Change currency](#), [Conversion type](#), [Currency rates](#), [Help](#) and [Exit](#).

## Deleting a shortcut

Select the shortcut and press [C]. The default shortcuts [Calendar](#), [Inbox](#), and [Notes](#) cannot be deleted.

If you delete the original application or file linked from a shortcut icon, the icon changes to a lighter colour. If you select an icon that is displayed in this lighter colour, a screen will appear asking if you want to delete the shortcut or not.



## Converter—converting measures

To convert measures such as [Length](#) from one unit ([Yards](#)) to another ([Metres](#)), press [ ], and select [Organiser](#) > [Converter](#).

Note that the Converter has limited precision, so rounding errors may occur.

- 1 Scroll to the [Type](#) field, and press to open a list of measures. Scroll to the measure you want to use, and press [OK](#).
- 2 Scroll to the first [Unit](#) field, and press . Select the unit from which you want to convert, and press [OK](#). Scroll to the next [Unit](#) field, and select the unit to which you want to convert.
- 3 Scroll to the first [Amount](#) field, and enter the value you want to convert. The other [Amount](#) field changes automatically to show the converted value.  
To add a decimal, press [ マナー#文字 ]. To add the +, - (for temperature), or E (exponential) symbol, press [ 記号\*+no ].



## Setting a base currency and exchange rates

Before you can make currency conversions, you need to choose a base currency and add an exchange rate. The rate of the base currency is always 1. The base currency determines the conversion rates of the other currencies.


- 1 Select **Converter** > Type : Currency > **Options** > **Currency rates**. A list of currencies opens. The base currency is displayed on the header part on the top of the screen.
- 2 To change the base currency, scroll to the new base currency and select **Options** > **Set as base curr..**




**Note:** When you change the base currency, you must enter new exchange rates because all previous rates are set to zero.

- 3 Add exchange rates. Select each currency, and enter its exchange rate relative to the new base currency.

After you have inserted all the necessary exchange rates, you can make currency conversions.

 **Tip:** To change the conversion direction, enter the value in the second **Amount** field. The result is shown in the first **Amount** field.

 **Tip:** To change a currency symbol, go to the **Currency rates** view, scroll to the currency and select **Options** > **Rename currency**.

# Connectivity




## Bluetooth connection

Bluetooth allows you to establish a wireless connection for sending images, video clips, music, sounds, and memos, as well as for wireless communication with other Bluetooth-enabled devices. Because Bluetooth devices communicate using radio waves, your phone and the other Bluetooth device do not need to be in direct line-of-sight. You only have to ensure that both devices are within 10 meters of each other. However, you may experience interference from obstacles such as walls or other electronic devices.

Your phone conforms with Bluetooth Specification 1.1 and supports Generic Access Profile, Serial Port Profile, Dial-up Networking Profile, Headset Profile, Handsfree Profile, Generic Object Exchange Profile, Object Push Profile, File Transfer Profile, and Basic Imaging Profile. Use Nokia-approved enhancements with this model to ensure interoperability with other Bluetooth-enabled devices. Check with the manufacturers of other devices to determine their compatibility with this device.

There are some places abroad where Bluetooth cannot be used. Please check this with the local authorities.

Because features that use Bluetooth technology can run in the background while using other features, using them increases the demand on battery power and reduces the battery life.

Press [, and select **Connect**. > **Bluetooth**. You will be asked to give your phone's Bluetooth name.

## Bluetooth settings

- **Bluetooth—On / Off**
- **My phone's visibility**—Select **Shown to all** to make your phone visible to other Bluetooth devices. Select **Hidden** to hide this phone from other devices.
- **My phone's name**—Define a Bluetooth name for your phone. After you activate Bluetooth and change **My phone's visibility** to **Shown to all**, your phone and its Bluetooth name is visible from other Bluetooth users.

## Sending data using Bluetooth

- 1 Open the application that contains the item that you want to send. For example, to send an image to another compatible device, open the Gallery application.
- 2 Select the item, such as an image, and select **Options > Send > Via Bluetooth**.

The phone starts to search for other devices within range. Bluetooth-enabled devices within the communication range begin to appear on the display one by one as they are detected. Their device icons, Bluetooth device names, device types, and nicknames are displayed.



**Tip:** If you have detected Bluetooth devices before, a list of the devices that were detected before is shown first. To start a new search, select **More devices**. This list is deleted when you switch off the phone.

- To stop the search, press **Stop**. The list of devices already found remains displayed. You can now select one of them and establish a connection with it.
- 3 Scroll to the device to which you want to connect, and press **Select**.
  - 4 **Pairing (if required by the other device)**

### Icons for other Bluetooth devices:



—Computer



—Telephone



—Audio/Video




—Headset



—Other



**Tip:** When you are searching for other devices, some will only appear as unique Bluetooth addresses (device addresses). To find the unique Bluetooth address of your phone, enter the code **\*#2820#** in standby mode.

 **Tip:** To send a text message using Bluetooth instead of SMS, open Notes, write your text and select **Options > Send > Via Bluetooth**.




- If the other device requires pairing before data can be transmitted, a tone sounds and you are asked to enter a passcode.
- Create your own passcode (any number containing up to 16 digits) and agree with the owner of the other Bluetooth device to use the same code. The passcode is used only once.
- After pairing, the device is saved to the Paired devices view.

When the connection has been established, the **Sending data** message is displayed.




Messages sent by Bluetooth are not saved in the Sent folder in Messaging.

**Glossary:** Pairing means authentication. Users of Bluetooth-enabled devices should agree to use the same passcode for both devices in order to pair them. Devices that do not have a user interface have a factory-set passcode.

#### Checking the status of a Bluetooth connection

- When  is displayed in the standby mode, Bluetooth is active.
- When  is flashing, your phone is trying to connect to the other device.
- When  is displayed without flashing, the Bluetooth connection is active.


## Pairing devices

Paired devices are easier to recognise, as they are indicated by  in the device search. Press  in the Bluetooth main view to open the Paired devices view (  ).

- To pair devices, select **Options** > **New paired device**. The phone starts a device search. Scroll to the device that you want to pair with, and press **Select**. See Step 4 in "Pairing (if required by the other device)" (p. 123) for more information about exchanging passcodes.
- To unpair a device, scroll to it and select **Options** > **Delete**. To unpair all devices, select **Options** > **Delete all**.





**Tip:** If you unpair a device to which you are currently connected, the pairing will be removed immediately, but the connection will remain active.

- To set a device to be connected automatically, scroll to it, select **Options**, and select one of the following options:  
**Set as authorised**—A connection can be established between your phone and this device without any notification. No other approval or authorisation is needed. Use this status for your own devices (Bluetooth-enabled headsets or PCs) or for devices that belong to someone you trust. The  icon is displayed beside authorised devices in the Paired devices view.  
**Set as unauthorised**—Each connection request from this device needs to be approved.



**Tip:** To define a short name (nickname or alias), scroll to the device and select **Options** > **Assign short name** in the Paired devices screen. This name makes it easier for you to recognise a specific device during device search or when a device requests a connection.

## Receiving data using Bluetooth

When you receive data using Bluetooth, a tone sounds, and you are asked if you want to accept the Bluetooth message. When you receive a message,  is displayed, and the item is placed in the Inbox folder of Messaging. Bluetooth messages are indicated by .

## Switching off Bluetooth

To switch off Bluetooth, select **Bluetooth** > **Off**.

## PC connections—using Bluetooth or USB

You can use your phone with a variety of PC connectivity and data communication applications. For example, you can use Nokia PC Suite to synchronise Contacts, Calendar, and To-do notes between your phone and compatible PCs. For further information on how to install Nokia PC Suite (compatible with Windows 2000 and Windows XP), see **"User's Guide for Nokia PC Suite"** and the "Install" section in **"Nokia PC Suite help"** on the CD-ROM. If you need USB data cables other than the CA-53 USB connection cable (sample), please buy the cables from a retail outlet of Nokia Japan (DoCoMo does not sell USB data cables).

## Using the CD-ROM

You can install the Nokia PC Suite from the FOMA NM850iG CD-ROM. Insert the FOMA NM850iG CD-ROM into your computer's CD-ROM drive and open Windows Explorer. Open the CD-ROM drive and run the EXE file. Follow the onscreen instructions to install PC Suite.


The FOMA NM850iG CD-ROM and the PC Suite are products supplied by Nokia Japan and are not covered by the DoCoMo warranty. Before using PC Suite for the first time, please read both the Nokia Japan Terms and Conditions and the Safety Warning that are displayed when installation is complete. Contact Nokia Japan if you experience any problems using the CD-ROM or PC Suite, or if you have any other queries. If you damage or lose the CD-ROM, you can download PC Suite from Nokia Japan's Web site ([www.nokia.co.jp](http://www.nokia.co.jp)).

## Using your phone as a modem

The phone can be used as a modem to send/receive e-mails or connect to the Internet by connecting it with a compatible PC through the Bluetooth connection, the CA-53 USB connection cable (sample) or Nokia USB data cable (commercial item). Detailed installation instructions can be found in "Modem options" in "User's Guide for Nokia PC Suite" on the CD-ROM.



### Connection manager

You can have multiple data connections active at the same time when you are using your phone on GSM and W-CDMA networks. To view the status of multiple data connections, view details on the amount of data transmitted, and end connections, press [  ] and select [Connect](#). > [Conn. mgr.](#) When you open Connection manager, the following information is listed.

- Open data connections. Can be data calls (GSM line exchange) or packet data connections.
- The status of each connection
- The amount of data uploaded and downloaded during each connection (displayed only for packet data connections)
- The duration of each connection (displayed only for data calls)



Note: The call duration is an estimate. It may be different from the actual call duration.

- To end a connection, scroll to it, and select [Options](#) > [Disconnect](#).
- To end all current connections, select [Options](#) > [Disconnect all](#).

When multiple connections are established, the options that can be used in the Connection manager main view are [Details](#), [Disconnect](#), [Disconnect all](#), [Help](#), and [Exit](#).


## Viewing data connection details

To view the details of a connection, scroll to it, and select **Options** > **Details**.

- **Name**—The name of the Internet access point (IAP) being used, or the Modem connection name if connection is by dial-up.
- **Bearer**—The type of data connection. Can be **Data call** (GSM line exchange), **High sp. GSM** (HSCSD), and **Packet data** (GPRS, or i-mode).
- **Status**—The current status of the connection. The possible statuses are **Connecting**, **Conn.(inact.)**, **Conn.(active)**, **On hold**, **Disconnectng.**, and **Disconnected**.
- **Received**—The amount of data received by the phone (bytes).
- **Sent**—The amount of data sent from the phone (bytes).
- **Duration**—The length of time that the connection has been open.
- **Speed**—The current data transmission speed expressed (kilobytes per second).
- **Shared** (only displayed during shared connections)—The number of applications using the same connection.




## Synchronisation


Press [  ], and select **Connect** > **Sync**. The synchronisation application enables you to synchronise Calendar and Contacts with various calendar and address book applications on compatible computers.

The synchronisation application uses SyncML technology for synchronisation. For information on SyncML compatibility, contact the supplier of the calendar or address book application with which you want to synchronise your phone data.

### Creating a new synchronisation profile

- 1 If no profiles have been defined, the phone asks whether you want to create a new profile. Select **Yes**.  
To create and add a new profile, select **Options** > **New sync profile**. You can select whether to use the default settings in the new profile or copy and edit settings from an existing profile.
- 2 Define the following:
  - Sync profile name**—Give a descriptive name for the profile.
  - Data bearer**—The connection type is **Bluetooth**.
  - Host address**—Contact your service provider or system administrator for the correct values.
  - User name**—Your user ID for the synchronisation server. Contact your service provider or system administrator for your correct ID.
  - Password**—Enter your password. Contact your service provider or system administrator for the correct value.
  - Allow sync requests**—Select **Yes** if you want to allow the server to start a synchronisation.
  - Accept all sync reqs**—Select **No** if you want the phone to ask for your approval before the server starts a synchronisation.

 The options that can be used in the synchronisation main display are, **Synchronise**, **New sync profile**, **Edit sync profile**, **Delete**, **View log**, **Set as default**, **Help**, and **Exit**.

Press  and select **Contacts**, **Calendar**, or **Notes**. Select **Yes** if you want to synchronise the selected database.

- **Remote database**—Enter the correct path to a calendar, address book, or notes database on the remote server.
- **Synchronisation type**—Select the synchronisation type from **Normal** (two-way synchronisation), **To server only**, **To phone only**.

3 Press **Back** to save the settings and return to the main view.

## Synchronising data




The synchronisation main view displays other synchronisation profiles and types of data that can be synchronised.

- 1 Select a synchronisation profile, and select **Options** > **Synchronise**. The status of the synchronisation is shown at the bottom of the screen.  
To cancel synchronisation before it is finished, press **Cancel**.
- 2 You are notified when the synchronisation is complete. After synchronisation is complete, select **Options** > **View log** to open the log file. The log file displays the synchronisation status (**Complete** or **Incomplete**), and the number of Calendar or Contacts entries that have been added, updated, deleted, or discarded (not synchronised) in the phone or on the server.

# Tools



## Settings

To change settings, press [, and select **Tools > Settings**. Scroll to a settings group, and press  to open it. Scroll to the setting that you want to change, and press .



## Phone settings

### General

**Phone language**—Changing the language of the display texts in your phone will also affect the way that the date and time are displayed in your phone, and how the separators are used in calculations and other functions. Using **Automatic** selects the language depending on the information on your UIM. After you have changed the display text language, the phone restarts.



*Fig. 13: Screen brightness setting (See P.133)*

Changing the settings for **Phone language** affects every application in your phone. The change remains effective until you change the setting again.

**English prediction**—For all text input screens on the phone, you can set the predictive text input to **On** or **Off**.




**Reset predictive dict.**—Converted characters are automatically memorised in the User dictionary. Frequently used words, and words that have been saved in the User dictionary, are displayed at the top of the list of conversion candidates. You can reset the predictive conversion dictionary to its original values. The words you added to the User dictionary are unaffected.

**Japanese prediction**—For all text input screens on the phone, you can set the Japanese predictive text input to **On** or **Off**.

**Welcome note or logo**—The welcome note or logo is displayed briefly each time you switch on the phone. Select **Default** to use the default image, or **Text** to write a welcome note (up to 50 characters). You can also select **Image** to use a photo or picture from **Gallery**.

**Orig. phone settings**—You can reset some of the settings to their original values. This will not affect files that you have already saved. You need the lock code (handset PIN number) to return to the original value. See "Phone and UIM" (p. 138) in "Security". After resetting the settings, the phone may take a longer time to power on. Documents and files are unaffected.

## Standby mode

You can assign keypad shortcuts for the different keypresses in the standby mode: [  ] is **Left selection key**, [  ] is **Navigation key right**, and [  ] is **Selection key**. You cannot set shortcuts to an i-appli that you have installed.

## Display

**Brightness**—You can change the brightness of the display to lighter or darker. The brightness of the display is automatically adjusted according to the environment.

**Scr. saver time-out**—The screen saver is activated when the time-out period has expired.

**Light time-out**—Select a time-out period after which the backlight will be switched off.



## Call settings

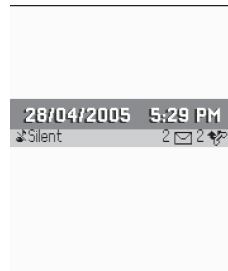
**Send my caller ID** (network service)—You can specify that your phone number will be displayed (**Yes**) to, or hidden (**No**) from, the person to whom you are talking.

**Call waiting** (network service)—If you have activated call waiting, the network will notify you of a new incoming call while you have a call in progress. To activate call waiting, select **Activate**. To deactivate call waiting, select **Cancel**. To check if this function is active, select **Check status**.



**Reject call with SMS**—Select **Yes** to send a text message to a caller informing why you can not answer the call. See "Receiving calls, rejecting calls" (p. 53).

**Message text**—Enter the text to be sent in a text message when you reject a call.


**Image in video call**—You can reject sending a video image when a video call is made to you. Select a still image to be displayed instead of video.





*Fig. 14: Received calls and missed calls are displayed on the screen saver.*





 **Tip:** To change the settings for call diversion, press [  ], and select **Tools > Settings > Call forwarding**. See "Call forwarding service (Network service)" (p. 136).

**Replace intl. prefix**—If you need to dial any international prefix number to make an international call from Japan, select **Yes** and enter the international call prefix number. If you call an overseas phone number that you have saved in Contacts, the + mark at the beginning of the saved phone number will be replaced with the saved international call prefix number. When you call from abroad, select **No**. The effectiveness of this setting depends on the roaming agreements between operators, but in general it is only valid for normal voice, video, data, and fax calls.



**Automatic redial**—If you select **On**, your phone will redial up to 10 times after an unsuccessful call attempt. Press [  ] to stop automatic redialling.

**Summary after call**—Activate this function if you want the phone to briefly display the approximate duration of the last call.

**Speed dialling**—Select **On**, and numbers assigned to speed dial keys ([  2 abc ] to [  wxyz 9 5 ]) can be dialled by pressing and holding the assigned key. Also see "Speed dialling a phone number" (p. 52).

**Anykey answer**—If you select **On**, you can answer an incoming call by briefly pressing any key, except [  ], [  ], [  ], and [  ].

While you set the any key answer function to **On**, the following operations reject an incoming call and any operations other than these answer a call.

- To use **Reject call with SMS** (P.133) when a call comes in, press [  ] (the right soft key) in the order of **Silence > Send msg.**
- To reject to answer when a call comes in, press [  ] (End key).



## Connection settings

### Data connections and access points

Your phone supports packet data connections (3G, 4G), such as GPRS in the W-CDMA and GSM networks. Also see "Main icons" (p. 39). To establish a data connection, an access point is required.

Check the kind of an access point you need with your service provider for the service you wish to access. For availability and subscription to packet data connection services, contact DoCoMo or your Internet service provider.

### Packet data connections in GSM and W-CDMA networks

When you are using your phone in GSM and W-CDMA networks it is possible to have multiple data connections active at the same time; access points can share a data connection; and data connections remain active (for example, during voice calls). For information on how to see how many data connections are active, see "Connection manager" (p. 127). Also see the network icons of "Main icons" (p. 39).

### Access points

To use the packet connection, specify the access point settings in the [Access point](#) menu.

### Packet data

[Access point](#)—The access point name is needed when you want to use your phone as a packet data modem for your computer.

### Configurations

Cannot be used with your phone.

**Glossary:** GPRS is an abbreviation for General Packet Radio Service, and it uses packet data technology to send information in short packets of data over a mobile network.

**Tip:** A fee is charged by data volume for FOMA packet transmissions sent and received (Because this is not the i-mode connection, the "Pake-Houdai" deal is not applied).



## Date and time

See "Clock settings" (p. 43).



## Call forwarding service (Network service)

**Tip:** You cannot use call barring and call forwarding at the same time.

Calls made to your phone while you are out of the service area, or when your phone has been switched off, will be forwarded to a number that you registered in your phone (network service). See the "Network Services Operation Guide" for more details about how to use the call forwarding service and its costs.

### Activating the call forwarding service

- 1 To start the call forwarding service, press [ ], and select **Tools** > **Settings** > **Call forwarding** > **Call forward settings** > **Options** > **Activate**.
- 2 Enter the phone number that you want to forward calls to, or press **Find**, select the number from Contacts and press **OK**.

If you have previously forwarded calls from your phone, the forwarding numbers will be displayed in a list. Select a number from this list, or select **To other number**, and enter a phone number or select one from Contacts. Then press **OK**.

- 3 Select the length of ringing time before a call is forwarded, and press **OK**.

### Deactivating the call forwarding service

Press [ ], and select **Tools** > **Settings** > **Call forwarding** > **Call forward settings** > **Options** > **Cancel**.

### Confirming the call forwarding service

Press [ ], and select **Tools** > **Settings** > **Call forwarding** > **Call forward settings** > **Options** > **Check status**.





## Call barring (network service)

Call barring allows you to restrict the calls when you are staying abroad. To change this setting, you need your network PIN number. Select a barring option, and set it on ([Activate](#)) or off ([Cancel](#)). You can also check whether this option is on or not by selecting [Check status](#). Call barring affects all calls, including data calls.

Your network PIN number is a four-digit number that you need to use for network services and for various procedures on the DoCoMo e-site. We recommend that you choose a PIN number that cannot be easily guessed by other people. For example, you should avoid using your date of birth, the last four digits of your phone number, your postal code, room number, or numbers like 1111 and 1234. If you forget your network PIN number, please contact the DoCoMo Information Centre. If you already have the My DoCoMo ID/ password, you can reset your PIN number on the DoCoMo e-site. You may also use online services in DoCoMo shops if you can provide documentary proof (driving license etc) of your identity.



## Security

### Phone and UIM

You can set two PIN numbers for your UIM, that are PIN code and PIN2 code.

Set the **PIN code (4 to 8 digits)**. Setting **PIN code request** prevents unauthorised use of your UIM.

**PIN2 code (4 to 8 digits)** is required to use some functions of this phone. The PIN and PIN2 codes are set to "0000" when you first sign up, but you can change them. If you enter incorrect codes three times in a row, the code will be locked.

**Lock code (5 digits)** can be used to lock the phone to avoid unauthorised use. The factory setting for the lock code is **12345**. To avoid unauthorised use of your phone, change the lock code. Choose a lock code that cannot be easily guessed by other people.

You need to enter your lock code when applying a key operation lock (keyguard) or using an autolock function (described later). If you enter the wrong lock code five times in a row, you will be prevented from entering the lock code for about five minutes. Please enter your correct lock code when the five minutes have elapsed.

Your **PUK code** is an eight-digit number that you need in order to change a blocked PIN or PIN2 code. You can find your PUK code on your copy of the FOMA contract that was given to you when you signed up with FOMA.

**PIN code request**—If you activate this option, your PIN code will be requested whenever you switch on your phone.

**PIN code, PIN2 code, Lock code**—You can change your lock code, PIN code, or PIN2 code. These codes can only include the numbers from **0** to **9**.

Avoid using access codes similar to emergency numbers to prevent accidental dialing of emergency numbers. Such emergency numbers include the ones used in Japan as well as the ones used in other countries, such as 911, 112, and 08.

**Autolock period**—Set the autolock period. After this time-out period has expired, your phone will be automatically locked and can only be used again if the correct lock code (handset PIN number) is entered. Enter a number for the time-out in minutes. To disable the autolock period, select **None**.

To unlock the phone, enter the lock code (handset PIN number).



**Note:** When you are abroad, you may sometimes be able to call saved emergency numbers from your phone in self mode even when it has been locked. When you are in Japan, you cannot call 110, 118 or 119 while the phone is locked. If you need to call an emergency number while in Japan, unlock your phone and call these numbers, following the instructions in "Emergency Information" (p.9) of "Your Nokia Guide".


**Lock if UIM changed**—You can set the phone to ask for the lock code (handset PIN number) when an unrecognised UIM is inserted into your phone. The phone maintains a list of the UIMs that are recognised as the owner's cards.




**Note:** When you are abroad and have enabled security features that restrict calls (call barring, closed user groups and fixed dialling etc), you may find that it is still possible to call the official emergency numbers programmed into your phone. In Japan you cannot call 110, 118 or 119 when these features have been activated. If you need to call an emergency number while in Japan, unlock your phone and call these numbers, following the instructions in "Emergency Information" (p.9) of "Your Nokia Guide".

**Closed user group** (network service)—This service cannot be used in your phone.

**Confirm SIM services** (network service)—This service cannot be used in your phone.

 **Tip:** To lock the phone manually, press [⏻]. Select **Lock phone** from the options list.



 **Glossary:** Roaming agreement—An agreement between two or more network service providers to enable the users of one service provider to use the services of other service providers.

## Certif. management

This function is unavailable in your phone. See "Certificate" (p. 104) for information about browser certificates.



## Network

The phone can automatically switch between the GSM and W-CDMA networks. The GSM network is indicated with  in the standby mode. The W-CDMA network is indicated with .

**Operator selection**—Select **Automatic** to set the phone to automatically search for and select an available network. If you select **Manual**, you can manually select a network from the network list. If the connection to the manually selected network is lost, the phone will sound an error tone and ask you to reselect a network. The selected network must have a roaming agreement with your home network. This is the network whose UIM is inside your phone.

**Cell info display**—Select **On** to set the phone to indicate when it is using a cellular network based on microcellular technology and to activate cell info reception.



## Enhancement settings

Select **Headset**, **Car kit**, **Bluetooth handsfree**, or **Loopset** as an enhancement.

- Select **Default profile** to set the profile that you want activated each time you connect a certain enhancement to your phone. See "Profiles—setting tones" (p. 45).
- Set **Automatic answer** on to set the phone to automatically answer an incoming call after five seconds. If the Ringing type is set to **Beep once** or **Silent**, automatic answer is disabled.



## Enhancement settings (network service)

Whenever a new network service is started, you can add it to your phone. You can save the response message to the code sent to you by the network after you first use a service. There are some other network services that can be accessed from other devices than your phone. Please see the list of network services for more details.

### Adding and using a service


- 1 Press [ ], and select **Tools** > **Settings** > **Addit. services** > **Service commands** > **Options** > **New command**.
- 2 Enter the service name in the **Name:** field, the serial number or service code (USSD) in the **Code:** field, and press **Done**. The service code is the code required for changing network service settings. On the FOMA handset this is registered as the USSD code.
- 3 Select the network service that you want to use, and select **Options** > **Send**.


**Icons shown in the standby mode:**

—A headset is connected.


—A headset cannot be used. The connection to a Bluetooth headset has been lost.

**Tip:** To change the service name, response message or code, select **Open** from **Options**. To delete a service, select it and select **Options** > **Delete**.

**Icon:**  is displayed in the standby mode whenever there is a new message in the voice mailbox service centre.

 **Tip:** You can also call the voice mailbox service centre by selecting **Options** > **Listen to message**.

## Registering a response message

- 1 Press [  ], and select **Tools** > **Settings** > **Addit. services** > **Service responses** > **Options** > **New response**.
- 2 Enter the response message in the **Text:** field, the code in the **Code:** field, and press **Done**.




## Voice mailbox (network service)

When you are out of range or have switched off the phone, the voice mailbox service centre records and stores incoming messages (network service). See "Network Services Operation Guide" for more details about how to use the voice mailbox service and its costs.

If you miss an incoming video call, the caller will not be connected to the voice mailbox and will be cut off after the ringing time specified for the voice mailbox service has expired.

## Activating the voice mailbox service

- 1 Press [  ], and select **Tools** > **Voice mail** > **Voice mailbox** > **Options** > **Activate**.
- 2 Select the ringing time before the caller is connected to voice mailbox service centre, and press **OK**.

## Deactivating the voice mailbox service

Press [  ], and select **Tools** > **Voice mail** > **Voice mailbox** > **Options** > **Cancel**.

## Checking the status of the voice mailbox service

Press [  ], and select **Tools** > **Voice mail** > **Voice mailbox** > **Options** > **Check status**.

## Listening to your voice messages

You can listen to your voice messages by calling the voice mailbox service centre, as described below.

- Press and hold [ⓧ@1☎] in the standby mode.
- Press [📞], and select **Tools** > **Voice mail** > **Voice mailbox**.
- You will receive SMS notification whenever a new message is recorded. When you receive this notification, call the voice mailbox service centre. When you open the text message, you can see how many messages have been saved in the voice mailbox service centre. The text messages that you receive will be saved in the Inbox folder.



## Voice commands

You can activate applications and features by articulating voice commands that you have already registered. Voice commands allow you to add, delete and control voice commands in your phone. Voice commands are recorded the same way as voice tags. See "Adding a voice tag to a phone number" (p. 64).

## Adding a voice command to an application

You can have only one voice command per application.

- 1 Press [📞], and then select **Tools** > **Voice com..** Select the application to which you want to add a voice command.  
To add a new application to the list, select **Options** → **New application**.
- 2 Select **Options** > **Add voice command**. See "Adding a voice tag to a phone number" (p. 64) for more information about recording voices.

## Using voice commands

See "Making a call by saying a voice tag" (p. 65) for more information about articulating registered voice commands.



### App. manager

It cannot be used with your phone.



### Activation keys

It cannot be used with your phone.



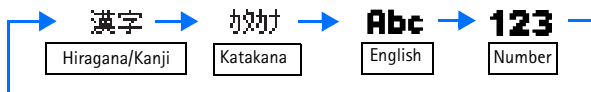
# Writing text

## Switching between input modes

The input mode indicator is displayed at the top right of the text input screen. If you select English as the phone language, the input screen opens in English text input mode.

However, regardless of your language settings, you can still switch between English and Japanese during text input. See "Phone settings" (p. 131) for more information about language settings.



Press [ マナー#文字 ] repeatedly in the input screen to switch between input modes.



While in English text input mode, you can change the type of English text input mode by pressing [ マナー#文字 ] after waiting about a second. See "English text input mode" (p. 146).

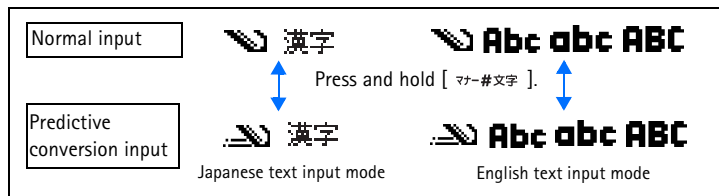
## Japanese text input mode

In the text input screen, check that  漢字 (normal input) or  漢字 (predictive text) is displayed.

 **Tip:** You can change your input mode during text input by pressing [  ].

## Predictive text input mode

You can switch between the normal and predictive input modes in Japanese or English text input mode by pressing and holding [ マナー#文字 ].



## English text input mode

There are three types of English text input modes. Quickly press [ マナー#文字 ] once while entering English text in order to change the English text input mode type. The displayed input mode will change in the following way:

**Abc**—Initial caps mode. If the sentence starting letter is entered in upper case, the phone switches to lower case mode. And when you enter a period, the phone changes to this mode.


**abc**—Lower case mode. The phone automatically changes to this mode after the first letter of a sentence is entered.



**ABC**—Upper case mode. You can switch into this mode by quickly pressing [ マナー#文字 ] after you have entered a letter in initial caps mode or lower case mode. When you enter a period, the phone will automatically switch to initial caps mode. If you enter a space, it will automatically switch into lower case mode.



To switch into number mode, quickly press [ マナー#文字 ] twice while using any of the above English text input modes.

## Keys and corresponding Hiragana/Kanji and Katakana


Key	Hiragana/Kanji mode (full-width)	Katakana mode (half/full-width)	Alphabet mode (half/full-width)	Number mode (half/full-width)
[ あ @ 1 aao ]	あいうえお あいうえお	アイウエ アイウエ	Symbols	1
[ か 2 abc ]	かきくけこ	カキケコ	ABCabc	2
[ def 3 さ ]	さしすせそ	サシセソ	DEFdef	3
[ た 4 ghi ]	たちつてとっ	タチツテツ	GHIghi	4
[ な 5 jkl ]	なにぬねの	ナニネノ	JKLjkl	5
[ mno 6 は ]	はひふへほ	ハヒフホ	MNOmno	6
[ ま 7 pqrs ]	まみむめも	マミムモ	PQRSpqrs	7
[ や 8 tuv ]	やゆよやゆよ	ヤヨヤヨ	TUVtuv	8
[ wxyz 9 ろ ]	らりるれろ	ラリルロ	WXYZwxyz	9
[ わん Q 〰 ]	わをんー、。！？ Line feed, Space	ワヲン、。！？ Line feed, Space	Space, Line feed	0
[ 記号 * + ° ]	゛ゝ (Voiced sound mark and semi-voiced sound mark), small Hiragana characters, symbols, list of pictographs)	゛ゝ (Voiced sound mark and semi-voiced sound mark), small Katakana characters, symbols, list of pictographs)	Symbols, list of pictographs	Symbols, list of pictographs
[ マナー # 文字 ]	Switching Input mode	Switching Input mode	Switching Input mode	Switching Input mode

☞ **Tip:** Press [  ], and select **Full width** to key in full width characters when the text input mode is Katakana, alphabet, or number. The full width icon is displayed when this mode is selected. Select **Half width** to key in half width characters.



 **Tip:** You can also select **Insert symbol** or **Insert pictograph** by pressing [  ] during text input.

 **Tip:** You can activate the predictive input mode for Japanese or English text by pressing [  ] during text input and selecting **Japanese predict. on** or **English prediction on** respectively.

## Tips on text input


- To activate or deactivate the predictive input mode, press and hold [ マー#文字 ] in the alphabet or Hiragana/Kanji mode.
- To delete the character to the left of the cursor, press [ C ]. Press and hold [ C ] to clear more than one character.
- To move the cursor, use the  key.
- To insert a number, press and hold the desired number key.



## Writing special characters/pictographs


- Press [ 記号\*+110 ] once in a text entry screen to open a list of special characters. Use  to scroll through the list. Press  to select the character that you want to use. The list of special characters contains both full and half width special characters and symbols.
- Press [ 記号\*+110 ] twice to open a list of pictographs.

## Japanese text input

### Japanese predictive text input


Check that  漢字 is displayed at the top right of the text input screen.













- 1 To key in Hiragana characters, press the number keys.  
A list of predictive conversion candidates is displayed. Candidates are narrowed down as you key in more characters to search for the desired word.
- 2 Use  to scroll through the list. Press  to select the desired word or phrase.  
The phone predicts the next word or phrase based on what you entered. The next list of predictive conversion candidates is displayed automatically. If you key in a character, a new list of candidates is displayed.
  - To delete the list of candidates, press [ C ] or **Cancel**.

- If the word that you want is not in the list, press **Convert**. If further conversion is necessary, press  to display the window of conversion candidates. The counter at the top right of the window shows the number of conversion candidates in the list.

Converted characters are automatically memorised by the User dictionary. Frequently used words and words saved in the User dictionary are displayed at the top of the list of conversion candidates. To reset the word order that appears in the list to its original, see "Phone settings" (p. 131).

### Japanese traditional text input

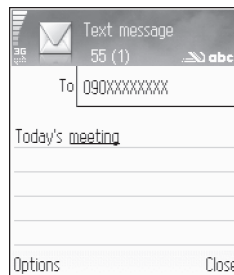
Check that  漢字 is shown at the top right of the text input screen.

- 1 To key in Hiragana characters, press the number keys.  
Press  if conversion is not necessary.
- 2 Press  to convert the highlighted characters. Press  again to display the list of conversion candidates. To scroll through the list, press  or . Press  to select the character that you want to use.
  - Highlighted texts are subject to conversion. When the text is converted, the colour of the highlight changes.
  - If the conversion result is not correct, press  or  to change the conversion range. To convert the word, press . To confirm the conversion, press .
  - If you succeeded in converting the phrase correctly by pressing  once, you can immediately confirm conversion of the whole phrase by pressing and holding down .



### 4-digit code input


Characters, symbols, and numbers can be entered using the four-digit codes in "Kuten Code List" (p. 153).

- 1 Press , and select **Insert Kuten code**.
- 2 Key in the four-digit code in "Kuten Code List" (p. 153), and press **OK**.



*Fig. 15: Screen display when a text message is being written by predictive text input*



 **Tip:** While entering text, you can press [  ], and select **Save word**.

 Options after saving a word: **Open**, **New word**, **Delete**, **Mark**, **Unmark**, **Help**, and **Exit**.




## Adding words in the User dictionary
















When you are saving words (kanji) to the User dictionary, you can also save the corresponding reading in Hiragana. Saved words are used for character conversion. When you want to key in a saved word, enter the Hiragana reading that was saved with its kanji.

- 1 To add a word to the dictionary, press [  ], and select **Tools > User dict.**
- 2 Select **Options > New word**.
- 3 Enter a word or phrase in the **Word** field.
- 4 Press  to move the cursor to the **Reading** field, and key in the reading in Hiragana characters. When you are saving a word, there are some characters, such as small Hiragana, that you cannot enter as its first character.

## English text input



### English traditional text input

The  **Abc** icon is shown on the top right of the display when you are writing text using English traditional text input.








- Press a number key ([  @1  ]—[  xyz 9  ]) repeatedly until the desired character appears.
- If the next letter is located on the same key as the present one, wait until the cursor appears (or press  ), and enter the letter.
- The most common punctuation marks are available under [  @1  ]. Press [  @1  ] repeatedly to reach the desired punctuation mark.
- To insert a space, press [  %h 0  ] or  . To move the cursor to the next line, press [  %h 0  ] twice or press  once.

## English predictive text input


When the English dictionary becomes full, the most recently added word replaces the oldest.

- 1 To activate the English predictive text input, press [  ], and select **English prediction on**. Predictive text input is available for all text editing on your phone. The  icon is shown on the top right of the display when you are writing text using predictive text input.
- 2 To enter the desired word, press the [ か 2 abc ] - [ wxyz 9 ≡ ] keys. For each letter of the word, press the corresponding key just once. For example, to enter "Nokia" when English predictive text input is selected, Press [ mno 6 は ] for "N", [ mno 6 は ] for "o", [ な 5 jkl ] for "k", [ た 4 ghi ] for "i", and [ か 2 abc ] for "a".

See Figure 16. The word suggestion changes after each key press.

- 3 When you finish entering the word and it is correct, confirm it by pressing , or add a space by pressing [  ] or .
  - If the word is not correct, press [  ], , or  repeatedly to view the matching words that the dictionary has found, one by one. Or press [  ], and select **English prediction > Matches**.
  - If the ? character is shown after a word that you have entered, it means that the word is not in the English dictionary. To add a word to the English dictionary, press **Spell**, enter the word (up to 32 letters) using traditional text input, and press **OK**. The word is added to the English dictionary. When the English dictionary becomes full, the most recently added word replaces the oldest word.

- 4 Start entering the next word.

 **Tip:** To activate/deactivate English predictive text input, press and hold [ マナー#文字 ] in the alphabet mode.

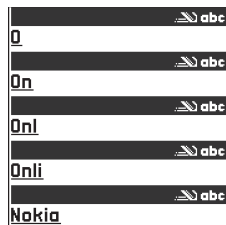












Fig.16: Searching for a matching word. The result will appear after the whole word has been entered.

## Turning English predictive text input off

Press [  ], and select **English prediction** > **Off**. Predictive text input for all text editing will be switched off.

## Copying text to the clipboard

- 1 To select letters and words, press and hold [  ]. At the same time, press  or  . Text is highlighted as the selection moves.
  - 2 To copy text to the clipboard, hold down [  ] and press **Copy**.
  - 3 To insert the text into a document, keep [  ] pressed down and select **Paste**.  
Alternatively, you can press [  ], and select **Paste**.
- To select lines of text, press and hold [  ]. At the same time press  or  .
  - To remove the selected text from the document, press [ **C** ].



# Kuten Code List

First to third digits	Fourth digit	First to third digits	Fourth digit	First to third digits	Fourth digit	First to third digits	Fourth digit	First to third digits	Fourth digit
010	0123456789	051	0123456789	160	0123456789	190	0123456789	227	0123456789
011	あ い う え お	052	カガキグクゲコ	161	【 あ 】	191	魁海城海灰界皆給芥	228	偶句区玖玖矩苦敷敷駢
012	イ ー ヌ ー ヌ ー	053	コサシジスセソ	162	垂唾娃阿哀愛挨始逢	192	蟹開階貝凱効外咳春産	229	駒具愚虞虞空偶寓遇隅
013	／ ～ ー ー ー	054	トナニヌノハババ	163	葵西亀愚握渥渥葦芦蓼	193	慨概涯碍蓋沓該鑑骸涯	230	申榎鉏屈屈
014	（ ） [ ] { }	055	ヒビフフフヘベバ	164	梓正幹乾犯犯蛆始給綾	194	蟹趾垣忸斯鈎刺聯各廓	231	掘窟寄敕書窪熊限桑
015	＜ ＞ 「 」 『 』	056	ボマムミムモマヤ	165	鮓或栗拾安庵按暗案案	195	批批概核殺殺獲獲獲覺	232	栗桑桑敕敕君業訓群軍
016	＋ ± × ÷ ≠ ≡ ≧ ≦	057	ユヨリリレロフ	166	【 い 】	196	赫紱郭闊隔革芋岳桑樂	233	郡
017	≧ ≦ ∞ ∴ ∴ ∴ ∴ ∴	058	エロウヴカケ	167	以伊位依偉困夷委	197	額掛笠極極棍鯢淵割割	234	卦袈祿係傾傾兄啓圭
018	★ ◆ ○ ◇	059	【 え 】	168	威尉性意慰意椅爲畏異	198	恰恰活渴渴葛葛轄轄旦	235	珪型契形怪患慮患懸燄
019	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	060	А В Г Д Е Ж З И	169	修維緯緯青委衣請違過医	199	叶柁樞樞袍靴兒甕浦金鑽	236	携敬景桂浮桂楷系經綴
020	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	061	К Л М Н О П Р С Т	170	井亥域育郁鬱一杏溢逸	200	幹感感憤憤換換柑柑柑	237	紫雲莖莖荊荊計詣警輕類
021	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	062	У Ф Х Ц Ч Ш Щ Ъ Ы	171	稻茨芋歸久印啞咽因姻	201	款款汗漢漢潤潤環甘監	238	龜去迎劇劇戰戰擊擊擊
022	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆	063	α β γ δ ε ζ η	172	引歛浮胤胤	202	幹感感憤憤換換柑柑柑	239	傑欠決潔穴結月訣月件
023	コ ム ム	064	θ ι κ λ μ ν ξ ο π ρ	173	院險隱隱時	203	款款汗漢漢潤潤環甘監	240	俛僂健榮芳刺啞固堅嫌
024	Λ V ∇ ⇒ ⇨ ∇ ∇	065	σ τ υ φ χ ψ ω	174	【 う 】	204	平官管緩迂輪軒肝虧完	241	建憲懸孝捲
025	∠ ⊥ ∠ ∇ ∇ = ≡ ≧ ≦	070	А Б В Г Д Е Ж З	175	右宇烏羽	205	諫貴選選遙閑閑閑閑閑	242	快樵率犬畎研硯硯硯
026	∞ ∴ ∴ ∴ ∴ ∴ ∴ ∴	071	И Й К Л М Н О П Р С	176	汪雨卯鵝鵝丑雄白濁	206	鑑九含岸巖玩巖巖巖	243	觸見謙貴軒遵遵踐踐踐
027	∞ ∴ ∴ ∴ ∴ ∴ ∴ ∴	072	Т У Ф Х Ц Ч Ш Щ Ъ Ы	177	明磨磨饒饒既既瓜聞	207	廣廉頑頑頑	244	綴元原綴幻幻滅滅滅現
028	∞ ∴ ∴ ∴ ∴ ∴ ∴ ∴	073	Ъ Э Ю Я	178	云運雲	208	【 き 】	245	絃絃言語詠
029	○	074	а	179	【 え 】	209	企伎危害器	246	【 こ 】
030	0123	075	б в г д е ж з и	180	在餌觀嘗嬰影映	210	基奇嬌奇枝希幾忌揮机	247	乎 乎 乎 乎 乎 乎 乎
031	0123	076	к л м н о п р с т	181	曳米永氷洩洩瑛盈穎穎	211	旗既期棋棋	248	姑孤己車庫戸放枯湖
032	456789	077	у ф х ц ч ш щ ъ ѝ ѥ	182	衛詠詠液液疫疫賦賦調	212	機機機機貴貴起軌輝軌	249	梅梅股股胡胡誇誇誇
033	A B C D E F G	078	ю я	183	闕閱厭厭門園園奄奄延	213	鬼鬼鬼鬼儀儀戲戲擬欺	250	顧顧趾趾五五伍五吳吳
034	H I J K L M N O P Q	079	ю я	184	掩援沿演炎焰煙燕猿緣	214	機機機機貴貴起軌輝軌	251	御御梧梧候候梧梧梧
035	R S T U V W X Y Z	080	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	185	艶艶園園遠遠鉛鉛塩塩	215	機機機機貴貴起軌輝軌	252	個個梧梧梧梧梧梧梧
036	a b c d e	081	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	186	【 お 】	216	機機機機貴貴起軌輝軌	253	鯉鯉鯉鯉鯉鯉鯉鯉鯉
037	f g h i j k l m n o	082	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	187	【 於 】	217	宮宮宮宮宮宮宮宮宮	254	乞乞乞乞乞乞乞乞乞
038	p q r s t u v w x y	083	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	188	於汚甥	218	宮宮宮宮宮宮宮宮宮	255	効効効効効効効効効
039	z	084	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	189	凹央央往応	219	宮宮宮宮宮宮宮宮宮	256	効効効効効効効効効
040	あ い う え お	085	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	190	押旺横歐殿王翁鴛鴦	220	宮宮宮宮宮宮宮宮宮	257	効効効効効効効効効
041	お か が き ぎ く げ げ	086	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	191	隨賢同沖荻荻恆恆鰐鰐	221	宮宮宮宮宮宮宮宮宮	258	効効効効効効効効効
042	こ さ ざ じ ず ぜ ぜ	087	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	192	杜乙俺即恩溫穩音	222	宮宮宮宮宮宮宮宮宮	259	効効効効効効効効効
043	そ た だ ち っ っ っ	088	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	193	【 か 】	223	宮宮宮宮宮宮宮宮宮	260	効効効効効効効効効
044	と ど な に ん ね の は ば	089	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	194	下化	224	宮宮宮宮宮宮宮宮宮	261	効効効効効効効効効
045	ひ び ぶ ぶ ぶ べ べ	090	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	195	飯何伽伽佳佳加可嘉夏	225	宮宮宮宮宮宮宮宮宮	262	効効効効効効効効効
046	ば ま り ぶ ゐ ゐ ち や	091	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	196	家尊科蝦果架歌河火	226	宮宮宮宮宮宮宮宮宮	263	効効効効効効効効効
047	ゆ ー ま り ゐ ゐ ゐ ゐ	092	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	197	禍天稼園花茄茄荷華菓	227	宮宮宮宮宮宮宮宮宮	264	効効効効効効効効効
048	ぬ ゑ を ゐ ゐ ゐ ゐ	093	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	198	蝦蟇唾寶迎迴霞蚊俄	228	宮宮宮宮宮宮宮宮宮	265	効効効効効効効効効
049	ぬ ゑ を ゐ ゐ ゐ ゐ	094	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	199	我牙面臥芽蛻貴雅鰐	229	宮宮宮宮宮宮宮宮宮	266	効効効効効効効効効
050	ア イ ウ エ オ	095	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	200	介介解回塊塊迴快怪怪	230	宮宮宮宮宮宮宮宮宮	267	効効効効効効効効効
051	ア イ ウ エ オ	096	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	201	飯懷戒拐拐	231	宮宮宮宮宮宮宮宮宮	268	効効効効効効効効効
052	ア イ ウ エ オ	097	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	202	飯懷戒拐拐	232	宮宮宮宮宮宮宮宮宮	269	効効効効効効効効効
053	ア イ ウ エ オ	098	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	203	飯懷戒拐拐	233	宮宮宮宮宮宮宮宮宮	270	効効効効効効効効効
054	ア イ ウ エ オ	099	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	204	飯懷戒拐拐	234	宮宮宮宮宮宮宮宮宮	271	効効効効効効効効効
055	ア イ ウ エ オ	100	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	205	飯懷戒拐拐	235	宮宮宮宮宮宮宮宮宮	272	効効効効効効効効効
056	ア イ ウ エ オ	101	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	206	飯懷戒拐拐	236	宮宮宮宮宮宮宮宮宮	273	効効効効効効効効効
057	ア イ ウ エ オ	102	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	207	飯懷戒拐拐	237	宮宮宮宮宮宮宮宮宮	274	効効効効効効効効効
058	ア イ ウ エ オ	103	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	208	飯懷戒拐拐	238	宮宮宮宮宮宮宮宮宮	275	効効効効効効効効効
059	ア イ ウ エ オ	104	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	209	飯懷戒拐拐	239	宮宮宮宮宮宮宮宮宮	276	効効効効効効効効効
060	ア イ ウ エ オ	105	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	210	飯懷戒拐拐	240	宮宮宮宮宮宮宮宮宮	277	効効効効効効効効効
061	ア イ ウ エ オ	106	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	211	飯懷戒拐拐	241	宮宮宮宮宮宮宮宮宮	278	効効効効効効効効効
062	ア イ ウ エ オ	107	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	212	飯懷戒拐拐	242	宮宮宮宮宮宮宮宮宮	279	効効効効効効効効効
063	ア イ ウ エ オ	108	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	213	飯懷戒拐拐	243	宮宮宮宮宮宮宮宮宮	280	効効効効効効効効効
064	ア イ ウ エ オ	109	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	214	飯懷戒拐拐	244	宮宮宮宮宮宮宮宮宮	281	効効効効効効効効効
065	ア イ ウ エ オ	110	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	215	飯懷戒拐拐	245	宮宮宮宮宮宮宮宮宮	282	効効効効効効効効効
066	ア イ ウ エ オ	111	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	216	飯懷戒拐拐	246	宮宮宮宮宮宮宮宮宮	283	効効効効効効効効効
067	ア イ ウ エ オ	112	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	217	飯懷戒拐拐	247	宮宮宮宮宮宮宮宮宮	284	効効効効効効効効効
068	ア イ ウ エ オ	113	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	218	飯懷戒拐拐	248	宮宮宮宮宮宮宮宮宮	285	効効効効効効効効効
069	ア イ ウ エ オ	114	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	219	飯懷戒拐拐	249	宮宮宮宮宮宮宮宮宮	286	効効効効効効効効効
070	ア イ ウ エ オ	115	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	220	飯懷戒拐拐	250	宮宮宮宮宮宮宮宮宮	287	効効効効効効効効効
071	ア イ ウ エ オ	116	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	221	飯懷戒拐拐	251	宮宮宮宮宮宮宮宮宮	288	効効効効効効効効効
072	ア イ ウ エ オ	117	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	222	飯懷戒拐拐	252	宮宮宮宮宮宮宮宮宮	289	効効効効効効効効効
073	ア イ ウ エ オ	118	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	223	飯懷戒拐拐	253	宮宮宮宮宮宮宮宮宮	290	効効効効効効効効効
074	ア イ ウ エ オ	119	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	224	飯懷戒拐拐	254	宮宮宮宮宮宮宮宮宮	291	効効効効効効効効効
075	ア イ ウ エ オ	120	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	225	飯懷戒拐拐	255	宮宮宮宮宮宮宮宮宮	292	効効効効効効効効効
076	ア イ ウ エ オ	121	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	226	飯懷戒拐拐	256	宮宮宮宮宮宮宮宮宮	293	効効効効効効効効効
077	ア イ ウ エ オ	122	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	227	飯懷戒拐拐	257	宮宮宮宮宮宮宮宮宮	294	効効効効効効効効効
078	ア イ ウ エ オ	123	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	228	飯懷戒拐拐	258	宮宮宮宮宮宮宮宮宮	295	効効効効効効効効効
079	ア イ ウ エ オ	124	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	229	飯懷戒拐拐	259	宮宮宮宮宮宮宮宮宮	296	効効効効効効効効効
080	ア イ ウ エ オ	125	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	230	飯懷戒拐拐	260	宮宮宮宮宮宮宮宮宮	297	効効効効効効効効効
081	ア イ ウ エ オ	126	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	231	飯懷戒拐拐	261	宮宮宮宮宮宮宮宮宮	298	効効効効効効効効効
082	ア イ ウ エ オ	127	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	232	飯懷戒拐拐	262	宮宮宮宮宮宮宮宮宮	299	効効効効効効効効効
083	ア イ ウ エ オ	128	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	233	飯懷戒拐拐	263	宮宮宮宮宮宮宮宮宮	300	効効効効効効効効効
084	ア イ ウ エ オ	129	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	234	飯懷戒拐拐	264	宮宮宮宮宮宮宮宮宮	301	効効効効効効効効効
085	ア イ ウ エ オ	130	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	235	飯懷戒拐拐	265	宮宮宮宮宮宮宮宮宮	302	効効効効効効効効効
086	ア イ ウ エ オ	131	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	236	飯懷戒拐拐	266	宮宮宮宮宮宮宮宮宮	303	効効効効効効効効効
087	ア イ ウ エ オ	132	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	237	飯懷戒拐拐	267	宮宮宮宮宮宮宮宮宮	304	効効効効効効効効効
088	ア イ ウ エ オ	133	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	238	飯懷戒拐拐	268	宮宮宮宮宮宮宮宮宮	305	効効効効効効効効効
089	ア イ ウ エ オ	134	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	239	飯懷戒拐拐	269	宮宮宮宮宮宮宮宮宮	306	効効効効効効効効効
090	ア イ ウ エ オ	135	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	240	飯懷戒拐拐	270	宮宮宮宮宮宮宮宮宮	307	効効効効効効効効効
091	ア イ ウ エ オ	136	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	241	飯懷戒拐拐	271	宮宮宮宮宮宮宮宮宮	308	効効効効効効効効効
092	ア イ ウ エ オ	137	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	242	飯懷戒拐拐	272	宮宮宮宮宮宮宮宮宮	309	効効効効効効効効効
093	ア イ ウ エ オ	138	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	243	飯懷戒拐拐	273	宮宮宮宮宮宮宮宮宮	310	効効効効効効効効効
094	ア イ ウ エ オ	139	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	244	飯懷戒拐拐	274	宮宮宮宮宮宮宮宮宮	311	効効効効効効効効効
095	ア イ ウ エ オ	140	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	245	飯懷戒拐拐	275	宮宮宮宮宮宮宮宮宮	312	効効効効効効効効効
096	ア イ ウ エ オ	141	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	246	飯懷戒拐拐	276	宮宮宮宮宮宮宮宮宮	313	効効効効効効効効効
097	ア イ ウ エ オ	142	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	247	飯懷戒拐拐	277	宮宮宮宮宮宮宮宮宮	314	効効効効効効効効効
098	ア イ ウ エ オ	143	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	248	飯懷戒拐拐	278	宮宮宮宮宮宮宮宮宮	315	効効効効効効効効効
099	ア イ ウ エ オ	144	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	249	飯懷戒拐拐	279	宮宮宮宮宮宮宮宮宮	316	効効効効効効効効効
100	ア イ ウ エ オ	145	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	250	飯懷戒拐拐	280	宮宮宮宮宮宮宮宮宮	317	効効効効効効効効効
101	ア イ ウ エ オ	146	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	251	飯懷戒拐拐	281	宮宮宮宮宮宮宮宮宮	318	効効効効効効効効効
102	ア イ ウ エ オ	147	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	252	飯懷戒拐拐	282	宮宮宮宮宮宮宮宮宮	319	効効効効効効効効効
103	ア イ ウ エ オ	148	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	253	飯懷戒拐拐	283	宮宮宮宮宮宮宮宮宮	320	効効効効効効効効効
104	ア イ ウ エ オ	149	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	254	飯懷戒拐拐	284	宮宮宮宮宮宮宮宮宮	321	効効効効効効効効効
105	ア イ ウ エ オ	150	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	255	飯懷戒拐拐	285	宮宮宮宮宮宮宮宮宮	322	効効効効効効効効効
106	ア イ ウ エ オ	151	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	256	飯懷戒拐拐	286	宮宮宮宮宮宮宮宮宮	323	効効効効効効効効効
107	ア イ ウ エ オ	152	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	257	飯懷戒拐拐	287	宮宮宮宮宮宮宮宮宮	324	効効効効効効効効効
108	ア イ ウ エ オ	153	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	258	飯懷戒拐拐	288	宮宮宮宮宮宮宮宮宮	325	効効効効効効効効効
109	ア イ ウ エ オ	154	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	259	飯懷戒拐拐	289	宮宮宮宮宮宮宮宮宮	326	効効効効効効効効効
110	ア イ ウ エ オ	155	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	260	飯懷戒拐拐	290	宮宮宮宮宮宮宮宮宮	327	効効効効効効効効効
111	ア イ ウ エ オ	156	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	261	飯懷戒拐拐	291	宮宮宮宮宮宮宮宮宮	328	効効効効効効効効効
112	ア イ ウ エ オ	157	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	262	飯懷戒拐拐	292	宮宮宮宮宮宮宮宮宮	329	効効効効効効効効効
113	ア イ ウ エ オ	158	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	263	飯懷戒拐拐	293	宮宮宮宮宮宮宮宮宮	330	効効効効効効効効効
114	ア イ ウ エ オ	159	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	264	飯懷戒拐拐	294	宮宮宮宮宮宮宮宮宮	331	効効効効効効効効効
115	ア イ ウ エ オ	160	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	265	飯懷戒拐拐	295	宮宮宮宮宮宮宮宮宮	332	効効効効効効効効効
116	ア イ ウ エ オ	161	—   ∟ ⊥ ⊥ ⊥ ⊥ ⊥	266	飯懷戒拐拐				

First to third digit	Fourth digit	First to third digit	Fourth digit	First to third digit	Fourth digit	First to third digit	Fourth digit	First to third digit	Fourth digit
0	1 2 3 4 5 6 7 8 9	0	1 2 3 4 5 6 7 8 9	0	1 2 3 4 5 6 7 8 9	0	1 2 3 4 5 6 7 8 9	0	1 2 3 4 5 6 7 8 9
262	佐又渡崎左差査沙堤砂	303	松梢樺礁沼消沙湘燒焦	340	藏歲爾遠促刺則恩	374	堵塗妬屠徒斗杜渡登	405	演戲挽曉番戲番番
263	許鎖婆坐座挫債催再最	304	照症省硝確祥称草矣粒	341	捉來測定速俗爾賊族統	375	賭途都鐵低虧努度土奴	【 〇 】	
264	戲塞妻幸彩才採裁歲清	305	紹肖昌將蕉熏裝訟証詔	342	卒袖其捆存孫存損村遇	376	怒例党冬凍刀唐搭遺套	406	匪
265	災采岸碎岩峇齋細菜裁	306	許象賞齒鉗鉗鐘鐘鞘上	【 一 】		377	石島崎伸投搭東桃樹棟	407	卑否妃庇彼悲悲批披婆
266	載際刺在材罪財歹坂阪	307	丈亦束冗刺刺城壤娘娘	343	他多太汰詠唾嚙妥情打	378	盜海濁清灯燈宕痘痔痔	408	比泌疲皮碑秘秘龍肥肥
267	弊裨肴仗崎崎琦焉作刑	308	情懷委杖淨狀量棲養釐	344	舵舵精院詠駢堆堆對耐	379	答筒糖統到	409	枇毘毘周美
268	炸炸炸明欄欄策策錯校	309	釐鉦順順順	345	岱帶待怠怠懣懣替泰滯	380	薑薑藤計體玉踏逃逃	410	鼻終弊匹匹氍氍彥蔭
269	蚌蚌匙匙刷	310	拭植樺鳩織職職蝕蝕	346	隱否貸怠遠速黛黛鯛代	381	鑄陶頭鑼鑼勸勸動同堂	411	肘茹必華華逼姪姪媛姪
270	察抄環環札殺殺雖雖	311	鮑鮑屠仇信侵舊飯養番	347	台大第築題騰騰滯卓喙	382	鐘撞洞鐘鐘鑼鑼銅銅	412	百謬依標木漂劇票表
271	鯽捌銷鼓血晒三傘參山	312	心憤振新音森樓深深申	348	木托托折只濯琢託譯濤	383	鴉匿得德流吐替禿荒毒	413	評約廟捕病痞苗鉗鉗
272	慘慘散枝墟墟座算簍簍	313	珍真神秦崇神已忒新親	349	諾茸鳳鳳只	384	独說板橋凸突板腐腐店	414	姪醴品彬斌浜瀕貧寶
273	讀贊酸酸斬斬贅	314	身辛進針農人仁刀塵工	350	叩即達辰辰說脫賢堅	385	黃西游噸噸停敦沌豚逐	415	敏瓶
【 し 】		315	尋基甚腎訊運陣	351	棚谷狸櫓櫓稚丹單嘆坦	386	頓吞曇鈍	【 ふ 】	
273	仕仔伺	【 す 】		352	担探旦數淡濕灰短端單	【 な 】		415	不倅倅婦富富
274	使刺司史嗣四士始姘姿	315	須許厨厨迎吹垂帥推水	353	綻歛脂蛋麗銀勾連彈彈	386	奈那内乍風羅	416	府怖忒敷奔普浮父符腐
275	尸屍巾師志指指支孜斯	316	炊睡吟翠翠遂醉鍾鍾隨	354	擾擾段段	387	誣羅捺觸觸馴繩暇南楠	417	膚美謔負賦赴阜附侮
276	施旨枝止死氏獅趾私私	317	端端崇崇高數枚趨錐錐	【 ち 】		388	軟難妝	418	武舞舞無無部忒楓風葦
277	紙紙肢肢趾視詞詩試誌	318	帽帽顏顏裾	354	值知地地馳	【 に 】		419	伏剋復覆服
278	諮資爾爾爾齒齒事似侍兒	319	澄澄	355	醬油痴稚置致蚶遲馳馳	388	二尼式逐勾脈脈	420	福覆復覆覆湘弗沸沸
279	字寺慈慈持	320	【 せ 】	356	奮竹筑奮逐秩室茶矯矯	389	虹廿日乳入	421	物劃分如煩煩憤憤焚
280	次滋滋爾爾嚙嚙示而	320	【 せ 】	357	中巾忠忠括括注虫表	390	如尿歪任姪忍忍	422	粉黃粉秀文
281	耳耳時時夕鹿處識曉	320	世源畝畝是凄制	358	註討鑄駝轡轡猪宇著	【 め 】		422	【 へ 】
282	輪軸牟七叱執失嫉室悉	321	勢姓征性成政整星晴樓	359	北洶洶	【 ぬ 】		423	幣并弊弊並蔽閉陟米
283	濕漆枝質美部嬌傑柴芝	322	柄正清性生盛情聖声製	360	帳帳屏屏張張影徵逸挑	【 ね 】		424	僻壁癖癖別瞥瞥篋篋偏
284	慶茲綺綺含寫射槍敵敵	323	西詠詩請近盛靜青齊	361	轎轎潮潮膝叩眺颯颯蝶	390	襦	425	片篇篇返返逼逼便便
285	社社者謝車連蛇邪借勾	324	脆隻席借戚斤昔析石積	362	調課超跳跳長頂鳥劫劫	391	赤寧葱猫熟年念捻燃燃	426	襪
286	尺杓灼爵的釈錫若寂寂	325	籍籍背背亦跡蹟煩切切	363	直朕沈珍質鍊	392	粘	427	【 ぼ 】
287	慈主取守手朱殊玆種	326	接掛折設設說說絕絕	【 つ 】		393	乃適之笠笠惱惱納能	428	保舖舖鋪捕甫甫補
288	離離齒首齒受呪呪授樹	327	嶺仙先千占宣專尖川戰	363	津望樺	393	腦腦農農	429	棟募募募茂募暮簿君欲
289	綴綴因因取	328	屏據檢杓杓淺洗染潛	364	桶迫鉗痛痛琢琢楓楓根	【 ば 】		430	俸包呆報奉至峰峯崩
290	宗就州修愁洲秀秀秋	329	觸旋穿穿線	365	漬柏江焉焉鑄鑄漬坪	393	巴把播播把	431	法泡京陷縫縫芳芳
291	終續習吳丹莞寒襲襲	330	纖縠線外船滿詮詮踐	366	嬌細瓜瓜吊釣鰓	394	波派莪莪婆婆馬巴馬	432	悽悽訪訪豐豐鋒鋒飴飴
292	輶運齒齒醜醜什什充	331	選選鐵鉄鉄凶鮮鮮善漸然	【 て 】		395	拜排排杯杯盃盃背背	433	亡傍剋坊坊幡幡忘忙
293	從戎棠汁汰飲礙重統統	332	全祥繼繼	366	亭低停停	396	培培煤煤煤煤煤煤煤	434	望望某冒冒粉粉影影
294	夙戎棠汁汰飲礙重統統	332	【 そ 】	367	刺貞貞提定帝底庭廷	397	陸這蟬蟬矧矧秋秋	435	鉗防防防類類僕僕
295	述伐伐春春曉曉發發	332	嚙望望措措	368	悽悽挺挺提提梯梯旋旋	398	柏泊白泊柏泊迫迫	436	本翻翻
296	龜龜洵洵準準濁濁純巡	333	曾楚阻疏疏疎祖祖	369	艇訂諦諦諦	399	爆爆莫莫駁駁	【 ま 】	
297	醇順初初所暑曙曙庶緒	334	組蘇蘇阻阻鼠鼠鼠創創	370	駁駁釘鼎鼎濁濁滴滴	400	箱箱陷陷著著響響	437	昧枚每哩哩響響
298	響響書書語語語助助叙叙	335	倉倉喪喪奏奏爽不爽屈屈	371	的苗苗適適適惹惹	401	烟烟八鉢鉢免免髮髮	438	摩廢廢廢廢廢廢廢
299	忽忽諭諭諭	336	搜搜揀揀揀揀揀揀揀	372	鉄鉄壞壞天展展透透	402	拔拔閱閱閱閱閱閱閱	【 だ 】	
300	勝匠升召哨唱唱	337	爐爐燥燥燥燥燥燥燥	373	軀軀顔顔点点殿殿	403	半反叛叛扒扒扒扒扒	439	【 だ 】
301	妾媵媵將小少唱唱	338	草莊莊莊莊莊莊莊	【 と 】		404	犯犯班班繁繁繁繁	440	【 だ 】
302	彭彭承招招掌掌昇昇	339	驕驕像像增	373	兕吐				

Fourth digit		Fourth digit		Fourth digit		Fourth digit		Fourth digit	
First to third digits	0123456789	First to third digits	0123456789	First to third digits	0123456789	First to third digits	0123456789	First to third digits	0123456789
438	鱗時亦僕又沫末沫迄	463	兩凌潦料菜涼瑣療縹	499	劬劬舅舅劓	542	舌舐舐峽峴峴峴峴峴	585	斷旆旆旆旆旆旆旆旆旆
439	鱗磨萬慢瀉	464	煙良諒遑量稊綾斤綠綸	500	勛勛勛勛勛勛勛勛勛	543	崗峯峯峯峯峯峯峯峯	586	旆旆旆旆旆旆旆旆旆旆
440	漫蔓	465	隄林淋淋淋輪輪輪輪	501	勛勛勛勛勛勛勛勛勛	544	嵌岢岢岢岢岢岢岢岢	587	旆旆旆旆旆旆旆旆旆旆
	【み】		【る】	502	匍匍匍匍匍匍匍匍匍	545	峨嶸峨嶸峨嶸峨嶸峨嶸	588	旆旆旆旆旆旆旆旆旆旆
441	味末魁已贅岬岬	466	罽罽罽罽罽	503	匍匍匍匍匍匍匍匍匍	546	巖巖巖巖巖巖巖巖巖	589	旆旆旆旆旆旆旆旆旆旆
440	蜜奏糗稭稭稭民眠		【れ】	504	匍匍匍匍匍匍匍匍匍	547	巖巖巖巖巖巖巖巖巖	590	旆旆旆旆旆旆旆旆旆旆
441	【む】	466	令伶伶令伶	505	叻叻叻叻叻叻叻叻叻	548	巖巖巖巖巖巖巖巖巖	591	旆旆旆旆旆旆旆旆旆旆
442	夢無牟矛霧繭繭娘	467	濱洽洽洽洽鈴鈴惹靈	506	叻叻叻叻叻叻叻叻叻	549	巖巖巖巖巖巖巖巖巖	592	旆旆旆旆旆旆旆旆旆旆
442	【め】	468	齡厯厈厈厈厈厈厈厈	507	叻叻叻叻叻叻叻叻叻	550	巖巖巖巖巖巖巖巖巖	593	旆旆旆旆旆旆旆旆旆旆
443	名命盟迷銘鳴姪北流	469	連煉煉練練	508	叻叻叻叻叻叻叻叻叻	551	巖巖巖巖巖巖巖巖巖	594	旆旆旆旆旆旆旆旆旆旆
444	免綿綿綿面	470	連煉練	509	叻叻叻叻叻叻叻叻叻	552	巖巖巖巖巖巖巖巖巖	595	旆旆旆旆旆旆旆旆旆旆
	【も】	470	【ろ】	510	叻叻叻叻叻叻叻叻叻	553	巖巖巖巖巖巖巖巖巖	596	旆旆旆旆旆旆旆旆旆旆
444	摸模茂芒	471	魯魯魯魯路路	511	叻叻叻叻叻叻叻叻叻	554	巖巖巖巖巖巖巖巖巖	597	旆旆旆旆旆旆旆旆旆旆
445	孟毛猛盲綿耕象儲木獸	472	露芳婁婁弄明樓榔浪瀾	512	叻叻叻叻叻叻叻叻叻	555	巖巖巖巖巖巖巖巖巖	598	旆旆旆旆旆旆旆旆旆旆
446	目勿勿餅无戻灰粉貞問	473	牢琅老老耄蜚蝻六麗	513	叻叻叻叻叻叻叻叻叻	556	巖巖巖巖巖巖巖巖巖	599	旆旆旆旆旆旆旆旆旆旆
447	紋門刃	473	幼碌碌	514	叻叻叻叻叻叻叻叻叻	557	巖巖巖巖巖巖巖巖巖	600	旆旆旆旆旆旆旆旆旆旆
	【や】	473	【わ】	515	叻叻叻叻叻叻叻叻叻	558	巖巖巖巖巖巖巖巖巖	601	旆旆旆旆旆旆旆旆旆旆
447	也治也爺耶野	474	粹鷺无巨鰐託藁藁槐槐	516	叻叻叻叻叻叻叻叻叻	559	巖巖巖巖巖巖巖巖巖	602	旆旆旆旆旆旆旆旆旆旆
448	矢厄役約美詠羅錫柳	475	碗碗	517	叻叻叻叻叻叻叻叻叻	560	巖巖巖巖巖巖巖巖巖	603	旆旆旆旆旆旆旆旆旆旆
449	鋪			518	叻叻叻叻叻叻叻叻叻	561	巖巖巖巖巖巖巖巖巖	604	旆旆旆旆旆旆旆旆旆旆
	【ゆ】			519	叻叻叻叻叻叻叻叻叻	562	巖巖巖巖巖巖巖巖巖	605	旆旆旆旆旆旆旆旆旆旆
449	愉愉油油	480	乞巧乞个个、井ノ又	520	叻叻叻叻叻叻叻叻叻	563	巖巖巖巖巖巖巖巖巖	606	旆旆旆旆旆旆旆旆旆旆
450	輸輸倭倭優勇友有齒	481	乖乘亂ノ豫舒舒式于亞	521	叻叻叻叻叻叻叻叻叻	564	巖巖巖巖巖巖巖巖巖	607	旆旆旆旆旆旆旆旆旆旆
451	悠憂輸有柚湫瀟猶猷猷	482	亞一兀京元從从仄仄仄	522	叻叻叻叻叻叻叻叻叻	565	巖巖巖巖巖巖巖巖巖	608	旆旆旆旆旆旆旆旆旆旆
452	祐祐誘遊邑野遊齡	483	仗仇仇仍仍斤伋伋伋	523	叻叻叻叻叻叻叻叻叻	566	巖巖巖巖巖巖巖巖巖	609	旆旆旆旆旆旆旆旆旆旆
	【よ】	484	叻叻叻叻叻叻叻叻叻	524	叻叻叻叻叻叻叻叻叻	567	巖巖巖巖巖巖巖巖巖	610	旆旆旆旆旆旆旆旆旆旆
452	余与譽與預備幼妖容用	485	佻佻佻佻佻佻佻佻佻	525	叻叻叻叻叻叻叻叻叻	568	巖巖巖巖巖巖巖巖巖	611	旆旆旆旆旆旆旆旆旆旆
454	揚搖擺躍楓樣洋浴浴用	486	倖佻佻佻倖倖倖倖倖	526	叻叻叻叻叻叻叻叻叻	569	巖巖巖巖巖巖巖巖巖	612	旆旆旆旆旆旆旆旆旆旆
455	蕪羊羅羆容要認瀟瀟瀟	487	倖倖倖倖倖倖倖倖倖	527	叻叻叻叻叻叻叻叻叻	570	巖巖巖巖巖巖巖巖巖	613	旆旆旆旆旆旆旆旆旆旆
456	蕪蕪欲欲欲欲欲欲	488	倖倖倖倖倖倖倖倖倖	528	叻叻叻叻叻叻叻叻叻	571	巖巖巖巖巖巖巖巖巖	614	旆旆旆旆旆旆旆旆旆旆
	【ら】	489	倖倖倖倖倖倖倖倖倖	529	叻叻叻叻叻叻叻叻叻	572	巖巖巖巖巖巖巖巖巖	615	旆旆旆旆旆旆旆旆旆旆
456	螺裸來萊賴雷洛洛洛洛	490	倖倖倖倖倖倖倖倖倖	530	叻叻叻叻叻叻叻叻叻	573	巖巖巖巖巖巖巖巖巖	616	旆旆旆旆旆旆旆旆旆旆
457	螺裸來萊賴雷洛洛洛洛	491	倖倖倖倖倖倖倖倖倖	531	叻叻叻叻叻叻叻叻叻	574	巖巖巖巖巖巖巖巖巖	617	旆旆旆旆旆旆旆旆旆旆
458	乱卵嵐嵐嵐嵐	492	倖倖倖倖倖倖倖倖倖	532	叻叻叻叻叻叻叻叻叻	575	巖巖巖巖巖巖巖巖巖	618	旆旆旆旆旆旆旆旆旆旆
	【る】	493	倖倖倖倖倖倖倖倖倖	533	叻叻叻叻叻叻叻叻叻	576	巖巖巖巖巖巖巖巖巖	619	旆旆旆旆旆旆旆旆旆旆
458	麗李梨理瑠	494	倖倖倖倖倖倖倖倖倖	534	叻叻叻叻叻叻叻叻叻	577	巖巖巖巖巖巖巖巖巖	620	旆旆旆旆旆旆旆旆旆旆
460	痢裏裡里離陸率率立	495	倖倖倖倖倖倖倖倖倖	535	叻叻叻叻叻叻叻叻叻	578	巖巖巖巖巖巖巖巖巖	621	旆旆旆旆旆旆旆旆旆旆
461	律掠略略略略略略略略	496	倖倖倖倖倖倖倖倖倖	536	叻叻叻叻叻叻叻叻叻	579	巖巖巖巖巖巖巖巖巖	622	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	497	倖倖倖倖倖倖倖倖倖	537	叻叻叻叻叻叻叻叻叻	580	巖巖巖巖巖巖巖巖巖	623	旆旆旆旆旆旆旆旆旆旆
	【る】	498	倖倖倖倖倖倖倖倖倖	538	叻叻叻叻叻叻叻叻叻	581	巖巖巖巖巖巖巖巖巖	624	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	499	倖倖倖倖倖倖倖倖倖	539	叻叻叻叻叻叻叻叻叻	582	巖巖巖巖巖巖巖巖巖	625	旆旆旆旆旆旆旆旆旆旆
	【る】	500	倖倖倖倖倖倖倖倖倖	540	叻叻叻叻叻叻叻叻叻	583	巖巖巖巖巖巖巖巖巖	626	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	501	倖倖倖倖倖倖倖倖倖	541	叻叻叻叻叻叻叻叻叻	584	巖巖巖巖巖巖巖巖巖	627	旆旆旆旆旆旆旆旆旆旆
	【る】	502	倖倖倖倖倖倖倖倖倖	542	叻叻叻叻叻叻叻叻叻	585	巖巖巖巖巖巖巖巖巖	628	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	503	倖倖倖倖倖倖倖倖倖	543	叻叻叻叻叻叻叻叻叻	586	巖巖巖巖巖巖巖巖巖	629	旆旆旆旆旆旆旆旆旆旆
	【る】	504	倖倖倖倖倖倖倖倖倖	544	叻叻叻叻叻叻叻叻叻	587	巖巖巖巖巖巖巖巖巖	630	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	505	倖倖倖倖倖倖倖倖倖	545	叻叻叻叻叻叻叻叻叻	588	巖巖巖巖巖巖巖巖巖	631	旆旆旆旆旆旆旆旆旆旆
	【る】	506	倖倖倖倖倖倖倖倖倖	546	叻叻叻叻叻叻叻叻叻	589	巖巖巖巖巖巖巖巖巖	632	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	507	倖倖倖倖倖倖倖倖倖	547	叻叻叻叻叻叻叻叻叻	590	巖巖巖巖巖巖巖巖巖	633	旆旆旆旆旆旆旆旆旆旆
	【る】	508	倖倖倖倖倖倖倖倖倖	548	叻叻叻叻叻叻叻叻叻	591	巖巖巖巖巖巖巖巖巖	634	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	509	倖倖倖倖倖倖倖倖倖	549	叻叻叻叻叻叻叻叻叻	592	巖巖巖巖巖巖巖巖巖	635	旆旆旆旆旆旆旆旆旆旆
	【る】	510	倖倖倖倖倖倖倖倖倖	550	叻叻叻叻叻叻叻叻叻	593	巖巖巖巖巖巖巖巖巖	636	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	511	倖倖倖倖倖倖倖倖倖	551	叻叻叻叻叻叻叻叻叻	594	巖巖巖巖巖巖巖巖巖	637	旆旆旆旆旆旆旆旆旆旆
	【る】	512	倖倖倖倖倖倖倖倖倖	552	叻叻叻叻叻叻叻叻叻	595	巖巖巖巖巖巖巖巖巖	638	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	513	倖倖倖倖倖倖倖倖倖	553	叻叻叻叻叻叻叻叻叻	596	巖巖巖巖巖巖巖巖巖	639	旆旆旆旆旆旆旆旆旆旆
	【る】	514	倖倖倖倖倖倖倖倖倖	554	叻叻叻叻叻叻叻叻叻	597	巖巖巖巖巖巖巖巖巖	640	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	515	倖倖倖倖倖倖倖倖倖	555	叻叻叻叻叻叻叻叻叻	598	巖巖巖巖巖巖巖巖巖	641	旆旆旆旆旆旆旆旆旆旆
	【る】	516	倖倖倖倖倖倖倖倖倖	556	叻叻叻叻叻叻叻叻叻	599	巖巖巖巖巖巖巖巖巖	642	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	517	倖倖倖倖倖倖倖倖倖	557	叻叻叻叻叻叻叻叻叻	600	巖巖巖巖巖巖巖巖巖	643	旆旆旆旆旆旆旆旆旆旆
	【る】	518	倖倖倖倖倖倖倖倖倖	558	叻叻叻叻叻叻叻叻叻	601	巖巖巖巖巖巖巖巖巖	644	旆旆旆旆旆旆旆旆旆旆
462	律掠略略略略略略略略	519	倖倖倖倖倖倖倖倖倖	559	叻叻叻叻叻叻叻叻叻	602	巖巖巖巖巖巖巖巖巖	645	旆旆旆旆旆旆旆旆旆旆
	【る】	520	倖倖倖倖倖倖倖倖倖	560	叻叻叻叻叻叻叻叻叻	603	巖巖巖巖巖巖巖巖巖	646	旆旆旆旆旆旆旆旆旆旆
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# Q&A


**Q:** How do I display my number?

**A:** Select [  ] > **Contacts** > **Options** > **UIM contacts** > **UIM directory** > **Options** > **My numbers**.

**Q:** How do I delete all of my contacts?

**A:** Select [  ] > **Contacts** > **Options** > **Mark/Unmark** > **Mark all** > **Options** > **Delete**.

**Q:** How do I restore the original settings?

**A:** Select [  ] > **Tools** > **Settings** > **Phone** > **General** > **Orig. phone settings** > **Lock code** (factory setting: 12345).

Note: **Orig. phone settings** simply restores settings. It does not delete any user data.


**Q:** What is the lock code (handset PIN number)?

**A:** The factory setting of the lock code is "12345".


**Q:** When I was setting the time, I selected Sapporo by mistake. I now want to change it to Tokyo.

**A:** Select [  ] > **Clock** > Select World Clock tab > **Options** > **Add city** > Select **Tokyo** > **Options** > **My home city**.


**Q:** I want to set the ring time after which the phone switches to voice mail.

**A:** Select [  ] > **Tools** > **Voice mail** > **Options** > **Activate** > enter the desired ring time in seconds.

**Q:** How can I back data up to an RS-MMC memory card?

**A:** Select [  ] > **Organiser** > **Memory** > **Options** > **Backup phone mem..**

**Q:** How can I retrieve data that has been backed up to an RS-MMC memory card?


**A:** Select [  ] > **Organiser** > **Memory** > **Options** > **Restore from card**.

Note: If no data has been backed up to the RS-MMC memory card, the **Restore from card** menu will not appear.


**Q:** I want to check how much memory on the RS-MMC memory card has been used and how much is available.

**A:** Select [  ] > **Organiser** > **Memory**.

**Q:** How do I check the content of what has been saved on the RS-MMC memory card?

**A:** Select [  ] > **Organiser** > **File mgr.** > Open the RS-MMC tab.

**Q:** How do I transfer images saved on my phone to an RS-MMC memory card?

**A:** Select [  ] > **Gallery** > **Images** > Place the cursor on the image that you want to save in the RS-MMC > **Options** > **Organise** > **Copy to memory card/Move to memory card**.


**Q:** How do I enter a URL in the Internet inspector?

**A:** Select [  ] > **i-mode** > **Go to location**.

**Q:** How can I select a network when I'm abroad?

**A:** The network is selected automatically, so you don't need to do anything. If you want to select the network manually, see "Network" (p. 140).


**Q:** How can I listen to the ringing tones?


**A:** Select [  ] > **Profiles** > **Options** > **Personalise** > **Ringing tone** > **Select tone**.

**Q:** What is the light at the top right of the handset screen?

**A:** It is not a light, it is a sensor. The sensor turns on the backlight and lights up the keypad whenever it detects that the phone is in a dark place.

**Q:** How can I close applications or switch between them?

**A:** Press and hold [  ] to display a list of the open applications. Select an application and press the navigation key. The selected application will display in the phone screen.

To close an application, select it and press [  ].



# Malfunction Checklist

**The FOMA terminal does not turn on. (The FOMA terminal cannot be used.)**

- Is the battery pack properly attached? (p. 34)
- Has the battery run out? (p. 36)

**or appears and I hear a busy tone.**

- Are you outside the service area or in a location with poor radio wave reception? (p. 38)

**I pressed the dial keys, but cannot make a call.**

- Are you not in the Self mode? (p. 47)

**I dialled a number and initiated the call, but all I hear is a busy tone.**

- Did you start dialling without waiting for the dial tone first?
- Did you dial the area code? (p. 49)
- Is or displayed? (Message such as "Outside the range" will not be displayed) (p. 39)

**I cannot receive calls or I cannot hear the ring tone.**

- Is the FOMA terminal in the silent profile? (p. 46)
- Is the FOMA terminal in the Driving profile? (p. 47)
- Is the start time of voice mail or call forwarding service set to **0 seconds**? (p. 142)
- Is caller ID request set to Activate? (See "Network Services Operation Guide")

- Is mova valid with the dual network service? (See "Network Services Operation Guide".)
- Did you set **Ringing type** to **Silent**? (p. 45)

**The FOMA terminal cannot be charged.**

- Is the battery pack properly attached to the FOMA terminal? (p. 34)
- Is the adapter firmly plugged into the electrical outlet? (p. 36)
- Is the adapter properly attached to the FOMA terminal? (If you are using the AC adapter, make sure that the AC adapter connector is firmly plugged into the FOMA terminal.) (p. 36)

**The key does not sound when I press it (No key tone).**

- Is **Keypad tones** set to **Off**? (p. 45)
- Is the FOMA terminal in the silent profile? (p. 46)

**The other party's voice is difficult to hear during calls.**

- Is the earpiece speaker placed properly against your ear? (p. 37)
- Is anything such as a seal obstructing the earpiece speaker?
- Is anything obstructing the loudspeaker while in hands-free mode? (p. 52)
- Did you change the volume setting? Change this setting until you can easily hear the other party (p. 52).

**The other party's voice is too loud during calls.**

- Did you change the volume setting? Change this setting until you can easily hear the other party (p. 52).

**The other party cannot hear me.**

- Is anything obstructing the mouthpiece? (p. 37)

**The date is displayed differently.**

- Is Japanese selected in the language setting? (p. 131)

**The display is dim.**

- Is the brightness setting of the display light set to "Level 1"? (p. 133)

**When I receive SMS, the name stored in the Phonebook is not displayed.**

- Did you correctly store the phone number of the sender on the phone number line of the Phonebook? (p. 59)

**Messages are not automatically received.**

- If you have set **Receive option** to **Yes**, Set it to **No** (p. 90).

**i-mode, i-mode mail or i-appli are not accessible.**

- If you have not set **Host selection** to **i-mode**, set it to i-mode to use the i-mode (p. 104).
- If subscribed to the i-mode Service after purchasing the terminal, turn the FOMA terminal off and then turn it back on (p. 38).

**"添付ファイル削除"(Attached file deleted) is displayed in mail.**

- You cannot receive attached files that are not supported by i-mode mail. Such attached files are automatically deleted at the i-mode Centre and you receive only the body of the message.

**The other party's number is not notified, the different number from the other party's number is notified, the functions to use the registered contents in the phonebook or the caller ID service do not work.**

- Even if the other party makes a call notifying the caller ID, the caller ID may not be notified and the call becomes an "unable to notify" call, or a different number from the caller's number may be notified, depending on the network or cellular provider the caller is using.

## Using the FOMA terminal abroad

**The screen keeps showing 3G or 2G, and you cannot use the international roaming service.**

- Are you outside the service area of the international roaming service or in a location with poor radio wave reception?
- Check whether you are in the available service area or using an available cellular provider in "International Roaming Service Manual" or the WORLD WING Web site.



- Use [Operator selection](#) to search cellular providers supporting the service (p. 140).

**The video call cannot be used, SMS cannot be used, i-mode cannot be used, or the packet connection cannot be used.**

- Check whether you are in the available service area or using an available cellular provider in "International

Roaming Service Manual" or the WORLD WING Web site.

- Use [Operator selection](#) to search cellular providers supporting the service (p. 140).

**Voice calls or video calls do not come in.**

- Did you set [Incoming calls when abroad](#) in [Call barring?](#) (p. 137)

# Warranty and After-Sales Service

## Warranty

- Make sure that the warranty card is included with your FOMA terminal at the time of purchase. Check the contents, information about the shop or date of purchase, etc., and keep the card in a safe place. If any necessary information is missing, immediately contact the shop and request them to fill in the card. The warranty period is one year from the date of purchase.
- The product, in whole or in part, including its accessories, is subject to improvement without notice.
- Stored data, such as phonebook entries, may be altered or lost through damage or repair of the FOMA terminal. It is recommended to write down the content of phonebook, etc. on paper, just in case of such data loss. If you have a PC (Windows 2000, Windows XP), you can transfer and back up the data to your PC using Data Link Software for this phone and the CA-53 USB connection cable (sample) or Nokia USB data cable (commercial item). In accordance with copyright laws, when repairing the FOMA terminal, data downloaded via i-mode or i-appli will not be transferred to the new FOMA terminal, etc., except in certain cases.

## After-sales service

### If you have problems with your FOMA terminal

If you have problems, call the technical inquiries number noted on "Inquiries" (p. 165).

### If you are informed that your FOMA terminal needs repairs when contacting DoCoMo

Bring your FOMA terminal to a designated repair shop. The repair shop is only open during business hours. Remember to bring your warranty card with you.

#### During the warranty period

- The FOMA terminal will be repaired free of charge in accordance with our written warranty policy.
- Be sure to bring the warranty card with you when having your FOMA terminal repaired. Even during the warranty period, charges will be incurred for any repairs if you cannot show the warranty card or if the malfunction or damage is the result of improper use.
- Even during the warranty period, charges will be incurred for any repairs if the malfunction is the result of using devices or consumables that are not specified by NTT DoCoMo.

### The FOMA terminal may not be able to be repaired in the following cases:

It may not be possible to repair the FOMA terminal if a water reaction is found on the seal, if corrosion is found to have resulted from water exposure, condensation or perspiration, or if the internal board is damaged or deformed. Even if the FOMA terminal can be repaired, charges will be incurred, as the repair is not under warranty.

### After the warranty period has expired

You can request to have your FOMA terminal repaired, but charges will be incurred for the repair.

### Stock period of parts

Replacement parts (required for maintaining the functionality of the FOMA terminal) will be kept in stock for a minimum of 6 years after the product is discontinued. Repairs can be performed during the stock period. It may still be possible to perform repairs after the stock period has expired. Call the technical inquiries number noted on "Inquiries" (p. 165).

## Important





- Do not attempt to modify the FOMA terminal or its accessories yourself.
  - Doing so may cause fire, injury or malfunction.
  - To prevent cross talk or network failure, technical standards of the FOMA terminal or UIM are provided by law. You are prohibited from using the FOMA terminal or UIM in any manner that does not comply with these standards.
- If you have modified the FOMA terminal (i.e., a part has been replaced, modified, coated, etc.) yourself, it can be accepted for repairs only if you restore the FOMA terminal to the default settings (factory settings). You may be rejected for repairs depending on the modification.
- Even during the warranty period, charges will be incurred for repairs if the malfunction or damage is the result of modification.
- Do not peel off the model name seal attached to the FOMA terminal.
 

The model name seal plays the part of a certificate verifying that the FOMA terminal complies with technical standards. If the seal cannot be checked because it has been peeled off or replaced, conformity to technical standards cannot be determined, so it may not be possible to accept the FOMA terminal for repairs.
- Setting of functions or information such as the total call time may be cleared (reset) due to a malfunction or repair of the FOMA terminal. If this is the case, specify the settings again.
- Magnetic components are used for the speaker and earpiece speaker of the FOMA terminal. Cash cards, bank cards, etc., that are easily affected by magnetism may become unusable if kept near the components.
- If your FOMA terminal becomes exposed to water or moisture, immediately turn it off, remove the battery pack, and bring the FOMA terminal to the repair shop as soon as possible. Note that it may not be possible to repair the FOMA terminal depending on its condition.

## Memory dial (phonebook function) and downloaded information

- It is your responsibility to keep a separate record of all data stored on your FOMA terminal. NTT DoCoMo is not liable for any alteration or loss of data.
- The data that you created, stored, downloaded, etc., may be modified or erased when you switch to a different mobile phone model or send your mobile phone for repairs. Under no circumstances shall NTT DoCoMo be held liable for any loss of or damage to the users' data. We may send you a replacement mobile phone instead of repair, but the data is not moved to the replacement, barring exceptions.

## Inquiries

For inquiries <DoCoMo Information Centre>	For technical inquiries
<p>■ <b>From a DoCoMo mobile phone or PHS phone:</b>  (No prefix) <b>151</b> (toll free) (in Japanese only) * You cannot call this number from an ordinary (landline) phone.</p> <p>■ <b>From an ordinary (landline) phone:</b>  <b>0120-800-000</b> * Can be called from a DoCoMo mobile phone or PHS phone • Check the phone number carefully before dialing.</p>	<p>■ <b>From a DoCoMo mobile phone or PHS phone:</b>  (No prefix) <b>113</b> (toll free) (in Japanese only) * You cannot call this number from an ordinary (landline) phone.</p> <p>■ <b>From an ordinary (landline) phone:</b>  <b>0120-800-000</b> * Can be called from a DoCoMo mobile phone or PHS phone • Check the phone number carefully before dialing. • For details, check the "Service station list" provided with a FOMA terminal.</p>

For the loss, theft, cumulative balance for usage, etc. outside Japan	For failure outside Japan
<p>&lt;DoCoMo Information Centre&gt; (24 hours)</p> <ul style="list-style-type: none"> <li>● Universal number</li> </ul> <div data-bbox="138 273 447 308" style="border: 1px solid black; padding: 2px;">For the universal number International call identification number*</div> <div data-bbox="458 280 633 301" style="margin-left: 10px;"><b>-800-0120-0151</b></div> <p>* Domestic calling charges for the host country may apply.</p> <ul style="list-style-type: none"> <li>● If the above universal number is not available</li> </ul> <div data-bbox="138 413 388 448" style="border: 1px solid black; padding: 2px;">International call access number in the host country*</div> <div data-bbox="396 417 585 438" style="margin-left: 10px;"><b>-81-3-5366-3114</b></div> <p>* Calling charge for Japan will apply.</p> <p>* When calling from NM850iG, you can contact the number: +81-3-5366-3114. (Press the [*] button twice for [+].)</p> <ul style="list-style-type: none"> <li>● For the international call identification number for the universal number and the international call access number in major countries, see "International Roaming Service Manual" or the DoCoMo Web site.</li> </ul>	<p>&lt;Network Technical Operation Centre&gt; (available 24 hours)</p> <ul style="list-style-type: none"> <li>● Universal number</li> </ul> <div data-bbox="687 273 968 308" style="border: 1px solid black; padding: 2px;">International call identification number for the universal number*</div> <div data-bbox="979 280 1160 301" style="margin-left: 10px;"><b>-800-5931-8600</b></div> <p>* Domestic calling charges for the host country may apply.</p> <ul style="list-style-type: none"> <li>● If the above universal number is not available</li> </ul> <div data-bbox="687 413 937 448" style="border: 1px solid black; padding: 2px;">International call access number in the host country*</div> <div data-bbox="945 417 1134 438" style="margin-left: 10px;"><b>-81-3-6718-1414</b></div> <p>* Calling charge for Japan will apply.</p> <p>* When calling from NM850iG, you can contact the number: +81-3-6718-1414. (Press the [*] button twice for [+].)</p> <ul style="list-style-type: none"> <li>● For the international call identification number for the universal number and the international call access number in major countries, see "International Roaming Service Manual" or the DoCoMo Web site.</li> </ul>


# Scanning function

## Protecting the FOMA terminal from harmful data

First, get the latest pattern data and update it. See "Updating pattern data" (p. 168).

**This function detects any data or programmes that are obtained from external source into the FOMA terminal, such as those downloaded from the sites and i-mode mails, and it deletes any data that may cause any harmful effect or cancels activation of programmes with such danger.**

- The pattern data is used for the check. Update the pattern data when it is upgraded due to the detection of new problems.
- The Scanning function prevents fault causing data from invading your FOMA terminal when viewing websites or receiving mail. If the pattern data for a certain problem is not installed on your FOMA terminal or if such pattern data does not exist, the Scanning function cannot prevent the problem from occurring.
- The pattern data varies depending on the model of the FOMA terminal. NTT DoCoMo may discontinue distribution of the pattern data after three years since the release of the model.

 **Tip:** To check the version of the pattern data, select [Options](#) > [About](#).

## Setting the Scanning function


When the Scanning function is set to [Enable](#), data and programmes are automatically checked when executed.

- 1 Press [  ] and select [Security scan](#) > [Options](#) > [Set scan](#).
- 2 Set [Scan](#) to [Enable](#).

To cancel the settings, set to [Disable](#).

If you enable the Scanning function and it detects potentially harmful data, the event is displayed using one of 5 warning levels. See "The scanning result display" (p. 169).

## Updating pattern data

- 1 Press [  ] and select [Security scan](#) > [Update](#).
- 2 On the [Update pattern definitions?](#) screen, select [Yes](#).
- 3 On the [Ready to send your terminal ID?](#) screen, select [Yes](#).


It starts downloading. To cancel the download, press [Cancel](#).

If no pattern data update is required, the [Pattern definitions are up-to-date](#) message appears. Press [OK](#) and continue using your current pattern data.

### **Tips:**

- When you update the pattern data, information specific to your mobile phone (model, manufacturer number, etc.) is automatically sent to the server (Scanning function server managed by DoCoMo). DoCoMo will not use this information for any purpose other than the scanning function.
- Ensure that the correct date (year, month, and day) is set on the FOMA terminal.
- The download may be suspended if the phone has poor reception.



- If the battery run out or malfunction causes the power down while updating pattern data, the data may not be updated successfully. Update the data again.
- Pattern data may not be received successfully if you do not have subscription to i-mode. To receive pattern data without subscribing to i-mode, do the following:  
Press [  ] and select **i-mode** > **i-mode setting**. In the **Host selection** screen, change connection setting from **i-mode** to **User-defined host**, and press **Back** to save the setting.

## The scanning result display

After performing scanning, if data that may cause problems exists, a warning screen appears. If 6 or more problems are detected, the names of the 6th and subsequent problems are omitted.

If multiple problems are detected, they are displayed in order from the highest level.

- Warning level 0—**Operation may not run properly**  
Press **OK** to continue the operation.
- Warning level 1—**Operation may not run properly. Cancel operation?**  
Press **No** to cancel the operation or **Yes** to continue the operation.
- Warning level 2—**Operation may not run properly. Canceling operation.**  
Press **OK** to end the operation.
- Warning level 3—**Operation may not run properly. Delete data?**  
Select **Yes** to delete the data or **No** to end without deleting.
- Warning level 4—**Deleting data.**  
Press **OK** to delete the data and end the operation.

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